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Research in Space Science

SAO SPECIAL REPORT
Number 58

CATALOGUE OF SATELLITE OBSERVATIONS
No. C-21

March 3, 1961
CAMBRIDGE 38, MASSACHUSETTS

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Prepared by D. V. Mechau

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CATALOGUE OF SATELLITE OBSERVATIONS, No. C-21

Prepared by D. V. Mechau[1]

INTRODUCTION

This report lists observations of Satellites 1960 ζ1 (ECHO I) and 1960 ζ2 (carrier rocket, ECHO I) for the period August 12 through August 31, 1960. Because great numbers of observations were received for Satellite 1960 ζ1, we found it impractical and unnecessary to process all of them. Also, some observations were rejected because they were grossly in error. For these reasons, this report does not contain all observations received by SAO.

The observations listed include those from the Smithsonian Baker-Nunn camera stations, Moonwatch teams, U. S. and foreign observatories, military installations, Phototrack stations, and miscellaneous observers. A number of observations have been received from the National Space Surveillance Control Center (NSSCC), under an arrangement involving an exchange of observations of artificial earth satellities. Minitrack and Doppler data received by SAO are not included.

Units

The date given lists the month and day of the observation; the time (U. T.) is given in hours, minutes, and seconds; right ascension is in hours, minutes, and seconds; declination, azimuth, and altitude are in degrees, minutes, and seconds; azimuth is measured from north through east; the range is in kilometers.

An explanation of the Index Number appears on pages 3 and 4.

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EXPLANATION OF INDEX NUMBER

The index number in the column to the extreme right consists of six digits. The first digit indicates the precision of the time of the observation; the second and third digits, the precision of position; the fourth digit, the coordinate system and corrections; the fifth digit, the equator and equinox; the sixth digit, the type of instrumentation used in making the observation.

Precision of Time (1st digit)

Code number	Standard error in timing (σ_t)	Code number	Standard error in timing (σ_t)
0	No estimate	5	$.02^s < \sigma_t \leqslant .05^s$
1	$\sigma_t \leqslant .0003^s$	6	$.05^s < \sigma_t \leqslant .2^s$
2	$.0003^s < \sigma_t \leqslant .002^s$	7	$.2^s < \sigma_t \leqslant .5^s$
3	$.002^s < \sigma_t \leqslant .005^s$	8	$.5^s < \sigma_t \leqslant 2^s$
4	$.005^s < \sigma_t \leqslant .02^s$	9	$\sigma_t > 2^s$

Precision of Position (2nd and 3rd digits)

Code number*	Standard error in direction (σ_D)	Code number*	Standard error in direction (σ_D)	Code number*	Standard error in direction (σ_D)
00	No estimate	17	$16\overset{''}{.}5 < \sigma_D \leqslant 17\overset{''}{.}5$	34	$2\overset{'}{.}7 < \sigma_D \leqslant 3\overset{'}{.}5$
01	$\sigma_D \leqslant 1\overset{''}{.}5$	18	$17\overset{''}{.}5 < \sigma_D \leqslant 18\overset{''}{.}5$	35	$3\overset{'}{.}5 < \sigma_D \leqslant 4\overset{'}{.}4$
02	$1\overset{''}{.}5 < \sigma_D \leqslant 2\overset{''}{.}5$	19	$18\overset{''}{.}5 < \sigma_D \leqslant 19\overset{''}{.}5$	36	$4\overset{'}{.}4 < \sigma_D \leqslant 5\overset{'}{.}8$
03	$2\overset{''}{.}5 < \sigma_D \leqslant 3\overset{''}{.}5$	20	$19\overset{''}{.}5 < \sigma_D \leqslant 20\overset{''}{.}5$	37	$5\overset{'}{.}8 < \sigma_D \leqslant 7\overset{'}{.}5$
04	$3\overset{''}{.}5 < \sigma_D \leqslant 4\overset{''}{.}5$	21	$20\overset{''}{.}5 < \sigma_D \leqslant 22''$	38	$7\overset{'}{.}5 < \sigma_D \leqslant 9\overset{'}{.}7$
05	$4\overset{''}{.}5 < \sigma_D \leqslant 5\overset{''}{.}5$	22	$22'' < \sigma_D \leqslant 23\overset{''}{.}5$	39	$9\overset{'}{.}7 < \sigma_D \leqslant 13'$
06	$5\overset{''}{.}5 < \sigma_D \leqslant 6\overset{''}{.}5$	23	$23\overset{''}{.}5 < \sigma_D \leqslant 26''$	40	$13' < \sigma_D \leqslant 17'$
07	$6\overset{''}{.}5 < \sigma_D \leqslant 7\overset{''}{.}5$	24	$26'' < \sigma_D \leqslant 29''$	41	$17' < \sigma_D \leqslant 22'$
08	$7\overset{''}{.}5 < \sigma_D \leqslant 8\overset{''}{.}5$	25	$29'' < \sigma_D \leqslant 33''$	42	$22' < \sigma_D \leqslant 28'$
09	$8\overset{''}{.}5 < \sigma_D \leqslant 9\overset{''}{.}5$	26	$33'' < \sigma_D \leqslant 38''$	43	$28' < \sigma_D \leqslant 37'$
10	$9\overset{''}{.}5 < \sigma_D \leqslant 10\overset{''}{.}5$	27	$38'' < \sigma_D \leqslant 45''$	44	$37' < \sigma_D \leqslant 49'$
11	$10\overset{''}{.}5 < \sigma_D \leqslant 11\overset{''}{.}5$	28	$45'' < \sigma_D \leqslant 54''$	45	$49' < \sigma_D \leqslant 1\overset{\circ}{.}1$
12	$11\overset{''}{.}5 < \sigma_D \leqslant 12\overset{''}{.}5$	29	$54'' < \sigma_D \leqslant 1\overset{'}{.}1$	46	$1\overset{\circ}{.}1 < \sigma_D \leqslant 1\overset{\circ}{.}4$
13	$12\overset{''}{.}5 < \sigma_D \leqslant 13\overset{''}{.}5$	30	$1\overset{'}{.}1 < \sigma_D \leqslant 1\overset{'}{.}3$	47	$1\overset{\circ}{.}4 < \sigma_D \leqslant 1\overset{\circ}{.}8$
14	$13\overset{''}{.}5 < \sigma_D \leqslant 14\overset{''}{.}5$	31	$1\overset{'}{.}3 < \sigma_D \leqslant 1\overset{'}{.}7$	48	$1\overset{\circ}{.}8 < \sigma_D \leqslant 2\overset{\circ}{.}4$
15	$14\overset{''}{.}5 < \sigma_D \leqslant 15\overset{''}{.}5$	32	$1\overset{'}{.}7 < \sigma_D \leqslant 2\overset{'}{.}1$	49	$2\overset{\circ}{.}4 < \sigma_D$
16	$15\overset{''}{.}5 < \sigma_D \leqslant 16\overset{''}{.}5$	33	$2\overset{'}{.}1 < \sigma_D \leqslant 2\overset{'}{.}7$		

* For electronic instruments, these code numbers (2nd and 3rd digits of the index in table 6) are increased by 50.

Coordinate System and Corrections (4th digit)

Code number	Coordinate System
0	Right ascension and declination corrected for refraction or not known to be corrected.
1	Azimuth and altitude corrected for refraction.
2	Right ascension and declination not corrected for refraction.
3	Azimuth and altitude not corrected for refraction or not known to be corrected.

Equator and Equinox (5th digit)

Code number	Equator and Equinox
0	Of date given
1	1855.0
2	1875.0
3	1900.0
4	1950.0

Type of Instrumentation (6th digit)

Code number	Optical Observations	Code number	Electronic Observations
0	Naked eye and binoculars, visual.	0	Minitrack Mark 1.
1	Standard Moonwatch telescope, visual.	1	Minitrack Mark 2.
2	Apogee telescope, astronomical refractor or reflector, theodolite, visual.	2	Interferometer observations from radio observatories.
3	Baker-Nunn camera, photographic.	3	Doppler observations from radio observatories.
4	Small missile telecamera, tracking cameras with focal length 20 inches or greater, photographic.	4	Microlock.
5	Cinetheodolite, tracking cameras with focal length less than 20 inches, photographic.	5	Doppler observations from communications systems.
6	Harvard meteor camera (Super-Schmidt) photographic.	6	Doppler observations from missile ranges.
7	Stationary telescope or camera with focal length equal to or less than 10 inches, photographic.	7	Radar.
8	Stationary telescope or camera with focal length greater than 10 inches, photographic.	8	Unused digit.
9	Other instruments, or instrument unknown.	9	Miscellaneous.

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
30004	PERTH, AUSTR.	0601	8 12	10 49 25.2			276 55	38 17		641304
30005	PERTH, AUSTR.	0601	8 12	10 50 11.3			281 43	40 32		641304
50030	GILES, AUSTR.	8124	8 12	10 52			265 42	22 54		845309
30006	PERTH, AUSTR.	0601	8 12	10 52 24.2			315 00	45 10		641302
30007	PERTH, AUSTR.	0601	8 12	10 53 00.6			324 23	43 59		641304
30008	PERTH, AUSTR.	0601	8 12	10 53 30.6			332 00	42 50		641302
10001	WOOMERA-BN, AUSTR.	9003	8 12	10 54 54.56	13 01 12	12 36				434013
50031	GILES, AUSTR.	8124	8 12	10 55			289 24	31 24		845309
10002	WOOMERA-BN, AUSTR.	9003	8 12	10 57 40.87	13 57 06	27 06				434013
50032	GILES, AUSTR.	8124	8 12	10 58			320 00	32 06		845309
10003	WOOMERA-BN, AUSTR.	9003	8 12	10 59 30.73	14 35 30	36 18				434013
50033	GILES, AUSTR.	8124	8 12	11 00			340 30	26 54		845309
50034	GILES, AUSTR.	8124	8 12	11 02			354 12	20 00		845309
50035	GILES, AUSTR.	8124	8 12	11 04			4 00	13 00		845309
50036	GILES, AUSTR.	8124	8 12	11 06			11 00	6 30		845309
31799	MITAKA, JAPAN	0229	8 12	11 09 03.0			177 48	16 36		845303
31800	MITAKA, JAPAN	0229	8 12	11 09 37.3			174 42	18 36		845302
10015	TOKYO-BN, JAPAN	9005	8 12	11 09 55.00	18 18 24	-34 20				434023
30010	MITAKA, JAPAN	0229	8 12	11 14 53.3			128 00	31 06		845302
31801	MITAKA, JAPAN	0229	8 12	11 16 40.6			108 48	29 00		845302
31802	MITAKA, JAPAN	0229	8 12	11 18 15.3			95 00	24 36		845302
31435	CHINA LAKE, CAL.	0098	8 12	11 33 14.80			308 33 00	17 20 24		641304
30819	SACRAMENTO, CAL.	8517	8 12	11 34 03.8	19 20 24	45 03				641013
31436	CHINA LAKE, CAL.	0098	8 12	11 34 13.65			311 01 30	21 51 18		641304
31437	CHINA LAKE, CAL.	0098	8 12	11 35 14.50			314 17 00	27 09 12		641304
50037	EDWARDS-9, CAL.	5042	8 12	11 35 30			317 17 24	27 42 36		521305
31438	CHINA LAKE, CAL.	0098	8 12	11 36 10.55			318 13 54	32 39 54		641304
50038	EDWARDS-9, CAL.	5042	8 12	11 36 30			322 09 00	33 31 48		521305
31439	CHINA LAKE, CAL.	0098	8 12	11 37 06.40			323 29 00	38 44 30		641304
50039	EDWARDS-9, CAL.	5042	8 12	11 37 25			328 08 24	39 24 00		521305
30229	ALBUQUERQUE, N.M.	0103	8 12	11 37 48.8			310	27 00		845302
50052	GOLDSTONE, CAL.	4024	8 12	11 37 51	20 53 42	64 05				895009
31440	CHINA LAKE, CAL.	0098	8 12	11 38 04.10			331 13 18	45 34 54		641304
30012	VAN NUYS, CAL.	0113	8 12	11 38 19.4	5 34 25	71 53				845043
50040	EDWARDS-9, CAL.	5042	8 12	11 38 29			338 12 00	46 33 36		521305
31441	CHINA LAKE, CAL.	0098	8 12	11 39 01.50			342 39 12	52 23 18		641304
30003	SACRAMENTO, CAL.	8517	8 12	11 39 12.7	1 24 00	61 35				641013
50029	MENLO PARK, CAL.	5009	8 12	11 39 19.0	1 58 00	64 30				637007
50041	EDWARDS-9, CAL.	5042	8 12	11 39 29			352 09 36	52 45 36		521305
30353	VAN NUYS, CAL.	0113	8 12	11 39 41			359 45 00	51 15 00		845303
30011	CHINA LAKE, CAL.	0098	8 12	11 39 50.0			0 00	58 06		641302
50051	EDWARDS-9, CAL.	5042	8 12	11 39 55			359 59 24	54 57 36		521305
31442	CHINA LAKE, CAL.	0098	8 12	11 40 01.95			0 53 12	58 17 42		641304
30230	ALBUQUERQUE, N.M.	0103	8 12	11 40 02.9			315	43 06		845302
50042	EDWARDS-9, CAL.	5042	8 12	11 40 30			12 01 12	56 56 24		521305
30820	SACRAMENTO, CAL.	8517	8 12	11 40 46.7	3 17 42	48 33				641013
50053	GOLDSTONE, CAL.	4024	8 12	11 40 51	2 23 10	63 24				895009
50050	EDWARDS-9, CAL.	5042	8 12	11 41 02			24 10 48	57 42 00		521305
31443	CHINA LAKE, CAL.	0098	8 12	11 41 04.20			26 11 00	60 41 42		641304
50043	EDWARDS-9, CAL.	5042	8 12	11 41 31			35 14 24	57 13 48		521305
31444	CHINA LAKE, CAL.	0098	8 12	11 42 00.15			48 35 30	58 23 42		641304
50044	EDWARDS-9, CAL.	5042	8 12	11 42 31			55 14 24	53 31 48		521305
31445	CHINA LAKE, CAL.	0098	8 12	11 43 04.45			67 38 24	52 09 42		641304
30009	ALBUQUERQUE, N.M.	0041	8 12	11 43 11.03	1 41 06	50 29				845002
30231	ALBUQUERQUE, N.M.	0103	8 12	11 43 20.0			0	75 24		845302
50045	EDWARDS-9, CAL.	5042	8 12	11 43 30			69 28 48	47 40 48		521305
30002	ALAMOGORDO, N.M.	0102	8 12	11 43 33			0	67		845302
30242	ALBUQUERQUE, N.M.	0041	8 12	11 43 39.3			29 30	78 30		845302
50054	GOLDSTONE, CAL.	4024	8 12	11 44 01	4 49 47	33 24				895009
31446	CHINA LAKE, CAL.	0098	8 12	11 44 01.55			78 38 54	45 28 48		641304
30243	ALBUQUERQUE, N.M.	0041	8 12	11 44 21.5	3 05 30	40 48				845001
30218	ALBUQUERQUE, N.M.	8534	8 12	11 44 23.9	3 04 00	40 36				845042
50046	EDWARDS-9, CAL.	5042	8 12	11 44 30			79 27 00	41 07 12		521305
50001	MILLSTONE-RADAR,MASS	4002	8 12	11 44 38.44			265 12	14 55 48	3513	895107
30821	SACRAMENTO, CAL.	8517	8 12	11 45 01.0	5 06 48	14 53				641013
30225	SANTA MONICA, CAL.	0143	8 12	11 45 05			52	37 18		845302
31447	CHINA LAKE, CAL.	0098	8 12	11 45 05.65			86 50 00	38 07 30		641304
50002	MILLSTONE-RADAR,MASS	4002	8 12	11 45 08.41			262 18	15 45 36	3432	895107
30232	ALBUQUERQUE, N.M.	0103	8 12	11 45 16.3			90	68 12		845302
50047	EDWARDS-9, CAL.	5042	8 12	11 45 30			86 22 12	34 46 48		521305
50003	MILLSTONE-RADAR,MASS	4002	8 12	11 45 38.55			259 06	16 46 48	3371	895107
30354	VAN NUYS, CAL.	0113	8 12	11 45 44.4	21 42 14	21 08				845043
31448	CHINA LAKE, CAL.	0098	8 12	11 46 00.70			91 43 18	32 22 48		641304
50004	MILLSTONE-RADAR,MASS	4002	8 12	11 46 08.75			255 48	17 39 36	3311	895107
31433	LAS CRUCES, N.M.	8583	8 12	11 46 19	5	38				845002
50048	EDWARDS-9, CAL.	5042	8 12	11 46 30			91 21 00	29 03 36		521305
50005	MILLSTONE-RADAR,MASS	4002	8 12	11 46 39.15			252 18	18 27 00	3267	895107
30001	DALLAS, TEX.	0129	8 12	11 46 40.5			225 00	87 48		845303
31449	CHINA LAKE, CAL.	0098	8 12	11 47 02.55			95 44 36	26 35 12		641304
50006	MILLSTONE-RADAR,MASS	4002	8 12	11 47 09.35			248 42	19 01 12	3224	895107
30822	SACRAMENTO, CAL.	8517	8 12	11 47 20.9	5 32 06	3 40				641012
50049	EDWARDS-9, CAL.	5042	8 12	11 47 27			94 52 12	24 07 12		521305
50007	MILLSTONE-RADAR,MASS	4002	8 12	11 47 39.25			245 00	19 36 00	3193	895107
50055	GOLDSTONE, CAL.	4024	8 12	11 47 51	5 48 10	7 10				895009
31450	CHINA LAKE, CAL.	0098	8 12	11 48 04.80			98 48 00	21 27 30		641304
50008	MILLSTONE-RADAR,MASS	4002	8 12	11 48 09.64			241 12	19 59 24	3174	895107
50009	MILLSTONE-RADAR,MASS	4002	8 12	11 48 39.82			237 18	20 15 00	3161	895107
31451	CHINA LAKE, CAL.	0098	8 12	11 49 05.30			101 09 42	17 02 30		641304
50010	MILLSTONE-RADAR,MASS	4002	8 12	11 49 10.11			233 24	20 18 00	3161	895107
50011	MILLSTONE-RADAR,MASS	4002	8 12	11 49 46.30			228 48	20 12 36	3176	895107
50056	GOLDSTONE, CAL.	4024	8 12	11 49 51	6 08 00	- 1 36				895009
30233	ALBUQUERQUE, N.M.	0103	8 12	11 49 56.7			117	28 30		845302
31452	CHINA LAKE, CAL.	0098	8 12	11 50 01.90			102 57 24	13 18 36		641304
50012	MILLSTONE-RADAR,MASS	4002	8 12	11 50 22.41			224 12	19 51 36	3197	895107
50013	MILLSTONE-RADAR,MASS	4002	8 12	11 50 58.90			219 42	19 16 48	3234	895107

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
31453	CHINA LAKE, CAL.	0098	8 12	11 51 11.65			104 47 42	9 10 42		641304
50014	MILLSTONE-RADAR,MASS	4002	8 12	11 51 35.00			215 24	18 32 24	3285	895107
31454	CHINA LAKE, CAL.	0098	8 12	11 52 01.30			105 55 18	6 28 42		641304
50057	GOLDSTONE, CAL.	4024	8 12	11 52 11	6 27 53	- 9 25				895009
50015	MILLSTONE-RADAR,MASS	4002	8 12	11 52 11.11			211 18	17 39 36	3347	895107
50016	MILLSTONE-RADAR,MASS	4002	8 12	11 52 47.31			207 24	16 33 00	3422	895107
50017	MILLSTONE-RADAR,MASS	4002	8 12	11 53 23.31			203 48	15 24 00	3504	895107
50018	MILLSTONE-RADAR,MASS	4002	8 12	11 53 59.43			200 18	14 04 48	3602	895107
50019	MILLSTONE-RADAR,MASS	4002	8 12	11 54 35.83			197 06	12 42 36	3711	895107
50020	MILLSTONE-RADAR,MASS	4002	8 12	11 55 12.05			194 00	11 22 48	3817	895107
50021	MILLSTONE-RADAR,MASS	4002	8 12	11 55 48.42			191 30	10 06 00	3932	895107
50022	MILLSTONE-RADAR,MASS	4002	8 12	11 56 24.63			188 36	8 33 00	4063	895107
50023	MILLSTONE-RADAR,MASS	4002	8 12	11 57 00.82			186 12	7 04 12	4193	895107
50024	MILLSTONE-RADAR,MASS	4002	8 12	11 57 37.10			184 00	5 40 48	4328	895107
50025	MILLSTONE-RADAR,MASS	4002	8 12	11 58 13.25			181 48	4 06 36	4467	895107
50026	MILLSTONE-RADAR,MASS	4002	8 12	11 58 49.35			179 54	2 54 36	4613	895107
50027	MILLSTONE-RADAR,MASS	4002	8 12	11 59 25.01			178 00	1 27 00	4680	895107
50028	MILLSTONE-RADAR,MASS	4002	8 12	11 59 55.61			176 24	0 34 48	4715	895107
30560	PERTH, AUSTR.	0601	8 12	13 00 14.0			324 43	3 00		641304
31803	MITAKA, JAPAN	0229	8 12	13 10 59.2			237 48	15 12		845302
30823	TAIPEI, TAIWAN	0502	8 12	13 12 22			161	85		845302
31804	MITAKA, JAPAN	0229	8 12	13 13 37.1			239 36	29 18		845302
30824	TAIPEI, TAIWAN	0502	8 12	13 14 58.2	20 55	41 12				845042
30018	MITAKA, JAPAN	0229	8 12	13 15 40.7			242 30	45 54		845303
30043	TAIPEI, TAIWAN	0502	8 12	13 16 53.3	23 21 30	44 30				845042
31807	ASAHIKAWA, JAPAN	0201	8 12	13 19 11.8	19 22 30	11 30				845002
31805	MITAKA, JAPAN	0229	8 12	13 19 47.8			26 30	77 42		845302
30140	SENDAI, JAPAN	0246	8 12	13 20 05.0	20 25 00	38 30				845042
31806	MITAKA, JAPAN	0229	8 12	13 21 10.5			45 12	60 12		845302
30040	ASAHIKAWA, JAPAN	0201	8 12	13 22 43.4	22 33 30	31 24				845042
10063	TOKYO-BN, JAPAN	9005	8 12	15 20 25.70	16 41 12	35 45				434013
31808	MITAKA, JAPAN	0229	8 12	15 20 49.4			298 18	29 00		845302
10064	TOKYO-BN, JAPAN	9005	8 12	15 22 31.50	17 10 24	52 51				434013
30142	KAGOSHIMA, JAPAN	0218	8 12	15 23 46.7	22 55 00	85 00				845042
30041	MITAKA, JAPAN	0229	8 12	15 24 44.7			343 12	43 54		845302
31809	MITAKA, JAPAN	0229	8 12	15 28 28.6			32 00	34 24		845302
31810	MITAKA, JAPAN	0229	8 12	15 32 20.6			54 06	17 12		845302
31811	MITAKA, JAPAN	0229	8 12	15 33 52.8			58 54	11 36		845302
30014	CAPETOWN, S. AFR.	0402	8 12	16 44 18.2	13 27	-12				845001
30015	PRETORIA, S. AFR.	8575	8 12	16 45 26.2	12 15	-24 30				845042
30013	CAPETOWN, S. AFR.	0402	8 12	16 47 13.1			0 24	46 24		845304
30016	PRETORIA, S. AFR.	8575	8 12	16 49 01.0			314 24	54 42		845302
30017	PRETORIA, S. AFR.	8575	8 12	16 53 17.0			10 24	30 24		845302
10005	OLIFANTSFNTN-BN,S.AF	9002	8 12	16 53 28.00	16 54 42	33 11				434013
10006	OLIFANTSFNTN-BN,S.AF	9002	8 12	16 55 50.00	17 58 00	41 51				434013
30160	BANCROFT, N.RHODESIA	0406	8 12	16 56 51.0			46 36	34 48		845304
30158	BANCROFT, N.RHODESIA	0406	8 12	17 00 39.0			43 48	13 30		845304
30042	TAIPEI, TAIWAN	0502	8 12	17 24 34.2	15 25	72 12				845042
30825	TAIPEI, TAIWAN	0502	8 12	17 25 06.7	15 00	75 00				845042
30689	TAIPEI, TAIWAN	0502	8 12	17 27 00.3	10 25	83 27				845042
30690	TAIPEI, TAIWAN	0502	8 12	17 28 28.8	8 02	79 00				845042
30141	SENDAI, JAPAN	0246	8 12	17 30 28.6	21 43	70 42				845042
31812	KAGOSHIMA, JAPAN	0218	8 12	17 31 59.3	5 27 00	63 12				845002
30143	KAGOSHIMA, JAPAN	0218	8 12	17 35 36.7	5 45	37 18				845042
32918	PRETORIA, S.AFR.	8575	8 12	18 53 36.2			307 24	7 42		845302
32919	PRETORIA, S.AFR.	8575	8 12	18 57 35.8	14 58 00	48 24				845042
30159	BANCROFT, N.RHODESIA	0406	8 12	19 02 35.0			347 30	10 18		845304
30691	TAIPEI, TAIWAN	0502	8 12	19 30 37.3	18 16 12	77 20				845042
31813	KAGOSHIMA, JAPAN	0218	8 12	19 31 12.5	19 56 00	58 42				845002
30692	TAIPEI, TAIWAN	0502	8 12	19 32 23.8	2 20 00	89 30				845042
30826	TAIPEI, TAIWAN	0502	8 12	19 35 55.6	6 00 30	59 39				845042
30144	KAGOSHIMA, JAPAN	0218	8 12	19 37 20.0	4 12 30	48 48				845042
31814	KAGOSHIMA, JAPAN	0218	8 12	19 41 30.3	5 45 00	12 18				845002
30827	TAIPEI, TAIWAN	0502	8 12	19 42 52.6	6 44 30	12 27				845042
10007	SAN FERNANDO-BN, SP.	9004	8 12	21 04 04.90	19 07 30	-21 22				434013
50059	MEUDON, FR.	2715	8 12	21 06 16.8			175 49 12	16 43 12		637109
10008	SAN FERNANDO-BN, SP.	9004	8 12	21 06 19.50	20 19 00	- 7 58				434013
50060	MEUDON, FR.	2715	8 12	21 07 04.3			171 00 00	19 01 48		637109
50061	MEUDON, FR.	2715	8 12	21 08 07.1			163 36 00	22 03 00		637109
50062	MEUDON, FR.	2715	8 12	21 09 16.8			154 01 48	24 45 00		637109
50063	MEUDON, FR.	2715	8 12	21 10 02.4			147 04 48	26 03 00		637109
50064	MEUDON, FR.	2715	8 12	21 11 10.9			135 58 12	26 58 12		637109
50065	MEUDON, FR.	2715	8 12	21 12 09.8			126 16 12	26 43 12		637109
50066	MEUDON, FR.	2715	8 12	21 13 03.5			117 49 12	25 40 12		637109
50067	MEUDON, FR.	2715	8 12	21 14 02.7			109 15 00	23 46 12		637109
50068	MEUDON, FR.	2715	8 12	21 15 05.4			101 15 00	21 07 12		637109
50069	MEUDON, FR.	2715	8 12	21 16 09.6			94 16 12	17 04 12		637109
50070	MEUDON, FR.	2715	8 12	21 17 08.9			88 48 00	15 07 12		637109
50071	MEUDON, FR.	2715	8 12	21 18 06.0			84 21 00	12 18 00		637109
10038	VILLA DOLORES-BN,ARG	9011	8 12	22 38 35.81	12 03 48	-17 34				434013
10039	VILLA DOLORES-BN,ARG	9011	8 12	22 41 23.37	13 49 42	0 39				434013
10040	VILLA DOLORES-BN,ARG	9011	8 12	22 41 48.31	14 05 24	3 29				434013
10042	VILLA DOLORES-BN,ARG	9011	8 12	22 44 23.82	15 35 24	21 48				434013
10043	VILLA DOLORES-BN,ARG	9011	8 12	22 45 52.62	16 19 24	29 30				434013
10044	VILLA DOLORES-BN,ARG	9011	8 12	22 47 13.32	16 54 54	34 53				434013
10045	VILLA DOLORES-BN,ARG	9011	8 12	22 48 05.32	17 15 48	37 41				434013
10046	VILLA DOLORES-BN,ARG	9011	8 12	22 48 49.33	17 32 18	39 48				434013
50072	MEUDON, FR.	2715	8 12	23 06 23.7			231 59	11 51		637109
50073	MEUDON, FR.	2715	8 12	23 07 03.9			230 58	14 40		637109
50074	MEUDON, FR.	2715	8 12	23 08 12.00			228 51	19 49		637109
50075	MEUDON, FR.	2715	8 12	23 09 08.50			226 30	24 44		637109
50076	MEUDON, FR.	2715	8 12	23 10 00.5			223 41	29 51		637109
50077	MEUDON, FR.	2715	8 12	23 11 10.0			218 14	37 42		637109
10009	SAN FERNANDO-BN, SP.	9004	8 12	23 11 27.10	19 53 36	47 29				434013
10010	SAN FERNANDO-BN, SP.	9004	8 12	23 12 02.50	20 40 18	51 32				434013

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10011	SAN FERNANDO-BN, SP.	9004	8 12	23 12 06.50	20 49 54	51 56				434013
50078	MEUDON, FR.	2715	8 12	23 12 13.4			210 20	45 44		637109
50079	MEUDON, FR.	2715	8 12	23 13 00.1			201 26	51 57		637109
50080	MEUDON, FR.	2715	8 12	23 14 09.7			179 45	59 52		637109
50081	MEUDON, FR.	2715	8 12	23 15 08.6			153 04	62 17		637109
50082	MEUDON, FR.	2715	8 12	23 16 01.9			129 23	59 35		637109
50083	MEUDON, FR.	2715	8 12	23 17 16.6			107 25	51 01		637109
50084	MEUDON, FR.	2715	8 12	23 18 11.6			97 59	43 56		637109
50085	MEUDON, FR.	2715	8 12	23 19 02.6			92 09	37 40		637109
50086	MEUDON, FR.	2715	8 12	23 20 15.1			86 42	29 45		637109
50087	MEUDON, FR.	2715	8 12	23 21 18.10			83 30	23 55		637109
50088	MEUDON, FR.	2715	8 12	23 22 03.5			81 45	20 19		637109
50089	MEUDON, FR.	2715	8 12	23 23 01.6			80 01	15 50		637109
50134	DNEPROPETROUSK, USSR	1017	8 12	23 24 56.8	2 00 00	33 06				845009
50135	DNEPROPETROUSK, USSR	1017	8 12	23 27 54.1	3 20 30	20 30				845009
10035	AREQUIPA-BN, PERU	9007	8 13	0 44 14.50	12 41 00	- 4 41				434013
10036	AREQUIPA-BN, PERU	9007	8 13	0 48 06.41	14 03 18	21 23				434013
50132	HUANCAYO-GS, PERU	5802	8 13	0 50 17	15 35 03	32				629009
50133	HUANCAYO-GS, PERU	5802	8 13	0 51 08	16 02 00	38 30				629009
10037	AREQUIPA-BN, PERU	9007	8 13	0 53 52.07	16 45 06	57 17				434013
10021	JUPITER-BN, FLA.	9010	8 13	1 01 23.08	21 32 00	4 10				434013
10022	JUPITER-BN, FLA.	9010	8 13	1 05 38.21	23 02 18	19 18				434013
10012	SAN FERNANDO-BN, SP.	9004	8 13	1 17 12.00	19 51 48	78 01				434013
10013	SAN FERNANDO-BN, SP.	9004	8 13	1 17 59.80	23 05 12	80 51				434013
10014	SAN FERNANDO-BN, SP.	9004	8 13	1 18 41.80	1 36 00	77 28				434013
50141	VILNIUS, USSR	1012	8 13	1 31 03.3	3 28 00	- 5 12				845009
50137	KRASNODAR, USSR	1027	8 13	2 02 51.3	1 35	48 18				845009
50138	KRASNODAR, USSR	1027	8 13	2 05 33.7	3 23	31 06				845009
10023	JUPITER-BN, FLA.	9010	8 13	2 55 21.00	15 15 06	-19 21				434013
30336	W. PALM BEACH, FLA.	0016	8 13	2 55 27			55 30	20		845302
30321	LAWTON, OKLA.	0110	8 13	2 55 30			176 57 00	20 16 12		845304
30693	MANHATTAN, KAN.	0027	8 13	2 55 54	18 55 30	-26 40				845042
30262	EDINBURG, TEX.	8581	8 13	2 56 21.9			170	44 42		845303
30252	FT. WORTH, TEX.	0139	8 13	2 57 05.0			179	26 45 00		845303
30316	TUCSON, ARIZ.	0003	8 13	2 57 20.8	20 20	-17 48				845043
52099	ALAMOGORDO, N.M.	5013	8 13	2 57 21.66	19 56 48	-20 35				620003
52100	ALAMOGORDO, N.M.	5013	8 13	2 57 31.80	20 01 10	-19 35				620003
52101	ALAMOGORDO, N.M.	5013	8 13	2 57 43.70	20 06 41	-18 24				620003
30315	TUCSON, ARIZ.	0003	8 13	2 57 43.8			303 24	20 00		845303
30322	LAWTON, OKLA.	0110	8 13	2 57 58			161 57 00	27 09 00		845304
30036	EDINBURG, TEXAS	8581	8 13	2 58 02.7			140	51 30		845303
30323	LAWTON, OKLA.	0110	8 13	2 58 32			152 57 36	31 08 24		845304
30219	ALBUQUERQUE, N.M.	8534	8 13	2 58 58.8	20 33 36	-14 30				845042
30324	LAWTON, OKLA.	0110	8 13	2 59 11			145 00 00	32 08 24		845304
30031	PUEBLA, MEX.	0900	8 13	2 59 16.4	20 44 24	30 20				845042
30263	BILOXI, MISS.	0090	8 13	2 59 35			180	56		845302
30828	PUEBLA, MEX.	0900	8 13	3 00 02.4	21 16 48	34 34				845042
30289	SAN ANTONIO, TEXAS	0089	8 13	3 00 07.6			113	43		845302
30123	LAWTON, OKLA.	0110	8 13	3 00 17			132 12 00	34 54 00		845304
30382	DAYTON, OHIO	8557	8 13	3 00 47.6			186 31	34 21		845304
30396	MILWAUKEE, WIS.	0074	8 13	3 01 06.3	19 13	-18 40				641002
30261	WICHITA, KAN.	0028	8 13	3 01 07.7	20 30 52	- 9 03				845042
30034	WICHITA, KAN.	0028	8 13	3 01 41.6	20 47 48	- 5 44				845042
30383	DAYTON, OHIO	8557	8 13	3 01 57.0			177 24	40 00		845303
30313	SAN ANTONIO, TEXAS	0089	8 13	3 02 08.9			90	31		845302
30291	SAN ANTONIO, TEXAS	0089	8 13	3 02 20.9			87	35		845302
30030	FT. WORTH, TEXAS	0139	8 13	3 02 22.6	21 05	5 12				845013
31406	MADISON, WIS.	0148	8 13	3 02 42.9	20 08 00	-10 30				845042
52776	MADISON-P, WISC.	5078	8 13	3 02 42.9	20 08 00	-10 31				637007
30038	BILOXI, MISS.	0090	8 13	3 03 03			90	56		845302
30237	TERRE HAUTE, IND.	8127	8 13	3 03 06.4			147	42 15		845302
10024	JUPITER-BN, FLA.	9010	8 13	3 03 41.44	19 38 18	48 30				434013
30292	SAN ANTONIO, TEXAS	0089	8 13	3 03 56.6	22 55	22				845042
30260	WICHITA, KAN.	0028	8 13	3 04 25.2	22 23 04	4 30				845042
52688	DOMINION, CANADA	2450	8 13	3 04 36.4	19 19 18	- 5 36				845009
30337	W. PALM BEACH, FLA.	0016	8 13	3 04 43			25	55		845302
30398	MADISON, WIS.	0148	8 13	3 04 47.7	21 18 00	0 45				845042
31403	MADISON, WIS.	0148	8 13	3 04 51.0	21 20 24	11 00				845042
52777	MADISON-P, WISC.	5078	8 13	3 04 51.0	21 20 21	10 58				637007
30384	DAYTON, OHIO	8557	8 13	3 04 51.6			128 53	48 15		845303
30293	SAN ANTONIO, TEXAS	0089	8 13	3 04 58.9			71	22		845302
30397	MILWAUKEE, WIS.	0074	8 13	3 05 21.2	20 55	- 1 50				641002
30019	DAYTON, OHIO	8557	8 13	3 06 38.7			102 06	42 30		845304
30087	CINCINNATI, OHIO	0050	8 13	3 06 50	22 29 00	20 20				845004
30294	SAN ANTONIO, TEXAS	0089	8 13	3 07 01.5			64	14		845302
52689	DOMINION, CANADA	2450	8 13	3 07 24.0	21 12 00	10 00				845009
30039	MILWAUKEE, WIS.	0074	8 13	3 08 07.8			94 36	26 36		641302
52695	WESTFIELD-P, MASS.	5021	8 13	3 08 19	21 45 06	25 42				637007
10025	JUPITER-BN, FLA.	9010	8 13	3 09 08.89	1 00 12	50 34				434013
50109	NEW LONDON, CONN.	5085	8 13	3 09 26.0	22 45 48	32 12				845002
30374	MILWAUKEE, WIS.	0074	8 13	3 09 33.2			85 54	21 36		641302
31405	MADISON, WIS.	0148	8 13	3 10 30.0	0 11 12	17 48				845042
52778	MADISON-P, WISC.	5078	8 13	3 10 30.0	0 11 12	17 48				637007
30375	MILWAUKEE, WIS.	0074	8 13	3 10 47.9			79 42	16 54		641302
30376	MILWAUKEE, WIS.	0074	8 13	3 12 58.5			72 00	9 27 00		641302
30073	EVANSTON, ILL.	0149	8 13	3 15 00			60 13	13 42		845302
50113	MEUDON, FR.	2715	8 13	3 17 53.20			277 34	21 28		637109
50114	MEUDON, FR.	2715	8 13	3 18 51.30			275 16	26 42		637109
50115	MEUDON, FR.	2715	8 13	3 19 41.70			272 40	31 45		637109
50116	MEUDON, FR.	2715	8 13	3 20 48.40			267 40	39 27		637109
50117	MEUDON, FR.	2715	8 13	3 21 30.80			263 02	44 56		637109
50118	MEUDON, FR.	2715	8 13	3 22 45.10			249 46	55 00		637109
50119	MEUDON, FR.	2715	8 13	3 23 50.90			228 10	62 34		637109
50120	MEUDON, FR.	2715	8 13	3 24 55.90			196 18	64 45		637109

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50121	MEUDON, FR.	2715	8 13	3 25 58.60			168 54	60 13		637109
50122	MEUDON, FR.	2715	8 13	3 26 53.60			153 41	53 21		637109
52960	SPOKANE, WASH.	8142	8 13	3 27 49.9	17 36 46	- 2 09				845002
50123	MEUDON, FR.	2715	8 13	3 27 56.50			143 19	45 00		637109
50124	MEUDON, FR.	2715	8 13	3 28 43.00			138 24	39 14		637109
50125	MEUDON, FR.	2715	8 13	3 29 54.00			133 21	31 22		637109
50126	MEUDON, FR.	2715	8 13	3 30 54.60			130 25	25 35		637109
50127	MEUDON, FR.	2715	8 13	3 31 43.80			128 37	21 23		637109
50128	MEUDON, FR.	2715	8 13	3 32 53.30			126 43	16 13		637109
50129	MEUDON, FR.	2715	8 13	3 33 47.00			125 32	12 39		637109
50130	MEUDON, FR.	2715	8 13	3 34 53.80			124 23	8 37		637109
50131	MEUDON, FR.	2715	8 13	3 35 41.90			123 40	5 57		637109
30317	TUCSON, ARIZ.	0003	8 13	4 01 08.3			176 48	78 42		845303
30829	SACRAMENTO, CAL.	8517	8 13	4 56 02.4	18 05	-28 36				641043
30830	SACRAMENTO, CAL.	8517	8 13	4 56 23.3			180 00	24 24		641304
30831	SACRAMENTO, CAL.	8517	8 13	4 56 47.6	18 26	-25 18				641043
30306	SAN ANTONIO, TEXAS	0089	8 13	4 57 42.3			256	23		845302
30328	SAN JOSE, CAL.	8573	8 13	4 58 14.3			163	35 12 00		845302
30307	SAN ANTONIO, TEXAS	0089	8 13	4 58 42.8			259	29		845302
30071	PUEBLA, MEX.	0900	8 13	5 00 03.1	15 02 42	25 08				845042
30226	SAN DIEGO, CAL.	0133	8 13	5 00 12	19 46	9 30				845041
30308	SAN ANTONIO, TEXAS	0089	8 13	5 00 29.8			270	39		845302
30314	SAN ANTONIO, TEXAS	0089	8 13	5 00 35.1			270	34		845302
30115	CHINA LAKE, CAL.	0098	8 13	5 00 36.1			143 04 12	52 48 36		641303
30343	MILWAUKEE, WIS.	0074	8 13	5 00 42.8			241 30	15 30		641302
31218	LAS CRUCES, N.M.	8583	8 13	5 01 24	18 40	37				845001
30325	LAWTON, OKLA.	0110	8 13	5 01 38			250 06 00	46 42 00		845304
30318	SAN ANTONIO, TEXAS	0096	8 13	5 01 58.8	17 15 54	24 49				845042
31222	VAN NUYS, CAL.	0113	8 13	5 01 59.5	20 33 06	10 43				845043
52933	SPOKANE, WASH.	8142	8 13	5 02 02.5	20 15 00	-12 24				845042
30309	SAN ANTONIO, TEXAS	0089	8 13	5 02 18.8			290	50		845302
31219	LAS CRUCES, N.M.	8583	8 13	5 02 20	19 35	40				845001
30192	SAN JOSE, CAL.	8573	8 13	5 02 25.9	21 40 00	9 42				845042
32719	WHITTIER-D, CAL.	8566	8 13	5 02 34.9			94 42	48 03 00		845303
30326	LAWTON, OKLA.	0110	8 13	5 02 36			256 00 00	55 36		845304
30070	SAN ANTONIO, TEX.	0096	8 13	5 02 48.8	17 07 00	40 33				845042
31220	LAS CRUCES, N.M.	8583	8 13	5 02 51.2	20 34	43 30				845001
30832	SACRAMENTO, CAL.	8517	8 13	5 03 01.4	21 50 42	9 27				641013
30373	PORTLAND, ORE.	0076	8 13	5 03 02.2	21 21	- 2 54				845041
30253	ALBUQUERQUE, N.M.	0041	8 13	5 03 14.4	20 03	33				845042
30561	VAN NUYS, CAL.	0113	8 13	5 03 21.4			87 24	47 00		845303
30310	SAN ANTONIO, TEXAS	0089	8 13	5 03 51	17 40	52				845042
30072	EVANSTON, ILL.	0149	8 13	5 04 25.7	3 19 42	37 01				845022
30319	SAN ANTONIO, TEXAS	0096	8 13	5 04 29.0	17 08	54 34				845042
30220	ALBUQUERQUE, N.M.	8534	8 13	5 04 39.4	21 18 12	28 30				845043
30329	SAN JOSE, CAL.	8573	8 13	5 04 46.3	23 20 06	14 48				845042
30338	W. PALM BEACH, FLA.	0016	8 13	5 04 48			305	21		845302
30254	ALBUQUERQUE, N.M.	0041	8 13	5 04 56			69	61		845303
32720	WHITTIER-D, CAL.	8566	8 13	5 04 56.6			73 48	32 15 00		845303
30238	TERRE HAUTE, IND.	8127	8 13	5 05 14.7	18 44 42	39 37				845042
30032	ALBUQUERQUE, N.M.	0041	8 13	5 05 22			66 00	58 30		845302
30227	DENVER, COLO.	8582	8 13	5 05 36			105 45 00	63 45 00		845303
30327	LAWTON, OKLA.	0110	8 13	5 05 36			1 12 00	74 00 00		845304
30311	SAN ANTONIO, TEXAS	0089	8 13	5 05 39.5			0	51		845302
30023	PORTLAND, ORE.	0076	8 13	5 05 46.2	22 54 18	7 54				845042
30320	SAN ANTONIO, TEXAS	0096	8 13	5 06 18.0	17 14	65 45				845042
30330	SAN JOSE, CAL.	8573	8 13	5 07 10.1	23 40 30	28 18				845042
10026	JUPITER-BN, FLA.	9010	8 13	5 07 15.24	15 47 48	59 11				434013
30249	CALGARY, CANADA	0452	8 13	5 07 16.8	22 31 00	3 48				845042
30208	LAWTON, OKLA.	0110	8 13	5 07 38			37 54	52 36 00		845304
30562	VAN NUYS, CAL.	0113	8 13	5 07 45.9	0 36 36	30 22				845043
30239	TERRE HAUTE, IND.	8127	8 13	5 07 50.1			300	75 00		845302
30116	CHINA LAKE, CAL.	0098	8 13	5 07 54.5			66 54 00	18 39 00		641303
30344	MILWAUKEE, WIS.	0074	8 13	5 07 59.8			226 30	98 12		641302
30027	CALGARY, CANADA	0452	8 13	5 08 14.4	23 02 00	6 24				845042
30048	N. CANTON, OHIO	0053	8 13	5 08 18.0	18 39 00	40 00				845042
30066	BILOXI, MISS.	0090	8 13	5 08 21			0	41 54		845302
30255	ALBUQUERQUE, N.M.	0041	8 13	5 08 29.2			59 07 12	32 30		845303
30049	N. CANTON, OHIO	0053	8 13	5 08 36.0	18 56 00	43 30				845042
30400	CHICAGO, ILL.	0020	8 13	5 08 39			336 30	88 30		845302
30074	EVANSTON, ILL.	0149	8 13	5 08 48.0	20 35 00	44 30				845022
30339	W. PALM BEACH, FLA.	0016	8 13	5 09 02			343	29		845302
30240	TERRE HAUTE, IND.	8127	8 13	5 09 04.0			3	74 00		845302
30499	CINCINNATI, OHIO	0050	8 13	5 09 10			340	71 00		845302
30029	DALLAS, TEXAS	0129	8 13	5 09 11.2	0 53 48	59 48				845043
30246	ROCHESTER, N.Y.	8564	8 13	5 09 11.8	18 52	36 30				845033
30228	DENVER, COLO.	8582	8 13	5 09 25			69 15 00	33 15 00		845303
30088	CINCINNATI, OHIO	0050	8 13	5 09 40	0 00	69 18				845002
52690	DOMINION, CANADA	2450	8 13	5 09 42.0	19 13 12	31 42				845009
30241	TERRE HAUTE, IND.	8127	8 13	5 09 52.9			32	65 30		845303
30050	N. CANTON, OHIO	0053	8 13	5 09 56.0	20 12 00	54 30				845042
30026	ROCHESTER, N.Y.	8564	8 13	5 10 33.3	20 13 24	47 42				845033
52736	ROCHESTER-P, N.Y.	5050	8 13	5 10 45.0	20 31	49 18				537007
52691	DOMINION, CANADA	2450	8 13	5 10 50.2	20 15 30	40 12				845009
30401	CHICAGO, ILL.	0020	8 13	5 10 51	21 16 30	46 41				845002
52737	ROCHESTER-P, N.Y.	5050	8 13	5 11 11.0	21 05	51 43				637007
30694	MANHATTAN, KAN.	0027	8 13	5 11 25	0 58	43 03				845042
30117	CHINA LAKE, CAL.	0098	8 13	5 11 33.6			59 42 36	5 11 24		641303
10027	JUPITER-BN, FLA.	9010	8 13	5 11 37.56	4 04 30	82 50				434013
30340	W. PALM BEACH, FLA.	0016	8 13	5 11 50			8	24		845302
30035	WICHITA, KAN.	0028	8 13	5 11 58.5	1 55 42	40 41				845043
31221	LAS CRUCES, N.M.	8583	8 13	5 11 59	2 05	38				845001
30399	MADISON, WIS.	0148	8 13	5 12 00.4	0 47 30	40 48				845042
30051	N. CANTON, OHIO	0053	8 13	5 12 12.3	0 30 00	61 36				845042
30052	N. CANTON, OHIO	0053	8 13	5 12 33.4	0 54 00	60 30				845042

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30075	EVANSTON, ILL.	0149	8 13	5 12 50.6			50 18	40 24		845302
30341	W. PALM BEACH, FLA.	0016	8 13	5 13 08			23	21		845302
50108	BETHPAGE, N.Y.	5075	8 13	5 13 20.0	23 39 54	66 00				845002
30312	SAN ANTONIO, TEXAS	0089	8 13	5 14 05.6			46	9		845302
52692	DOMINION, CANADA	2450	8 13	5 14 21.70	0 47 30	44 42				637007
30076	EVANSTON, ILL.	0149	8 13	5 14 38.6			50 18	27 24		845302
30247	ROCHESTER, N.Y.	8564	8 13	5 14 43.4	1 41 06	45 42				845033
30020	DAYTON, OHIO	8557	8 13	5 14 57.4			57 23	28 28		845304
30060	MILWAUKEE, WISC.	0074	8 13	5 15 00.2			67 30	25 30		641302
30342	W. PALM BEACH, FLA.	0016	8 13	5 15 31			32	14		845302
30077	EVANSTON, ILL.	0149	8 13	5 16 39.0			51 36	27 24		845302
30345	MILWAUKEE, WIS.	0074	8 13	5 17 07.5			67 18	15 00		641302
10028	JUPITER-BN, FLA.	9010	8 13	5 17 14.49	4 32 48	48 48				434013
50110	SOUTHOLD, N.Y.	5076	8 13	5 17 17.0	3 16 12	42 54				845002
30248	ROCHESTER, N.Y.	8564	8 13	5 19 51.6	3 43 24	24 00				845033
30346	MILWAUKEE, WIS.	0074	8 13	5 20 15.0			67 18	4 00		641302
30385	DAYTON, OHIO	8557	8 13	5 20 46.8			62 56	8 53		845303
30334	SAN JOSE, CAL.	8573	8 13	7 01 32.1	17 09 00	15 42				845042
30500	WALNUT CREEK, CAL.	8556	8 13	7 01 32.8	17 11 50	14 24				845003
30331	SAN JOSE, CAL.	8573	8 13	7 04 07.0	18 33 48	39 12				845042
30046	WALNUT CREEK, CAL.	8556	8 13	7 04 08.1	18 41 00	37 54				845004
30501	WALNUT CREEK, CAL.	8535	8 13	7 04 16.8	18 48 45	39 15				845004
30833	SACRAMENTO, CAL.	8517	8 13	7 05 06.6	19 32 30	44 19				641013
30834	SACRAMENTO, CAL.	8517	8 13	7 05 15.0	19 35 18	45 30				641013
30061	MILWAUKEE, WISC.	0074	8 13	7 05 42.7			276 06	13 18		641302
30835	SACRAMENTO, CAL.	8517	8 13	7 05 46.2			360 00	78 54		641304
52831	CALGARY-P, CANADA	5453	8 13	7 06 21.5	19 48 12	9 06				637007
30251	CALGARY, CANADA	0452	8 13	7 06 22.0	19 47 48	8 54				845042
30028	CALGARY, CANADA	0452	8 13	7 06 22.3	19 47 48	8 54				845042
30836	SACRAMENTO, CAL.	8517	8 13	7 06 22.6	21 14 54	52 52				641013
30250	CALGARY, CANADA	0452	8 13	7 06 22.6	19 47 48	8 54				845042
30119	CHINA LAKE, CAL.	0098	8 13	7 06 29.8			348 48 00	60 28 12		641303
30563	VAN NUYS, CAL.	0113	8 13	7 06 43.9	20 44 39	70 04				845043
30332	SAN JOSE, CAL.	8573	8 13	7 06 48.1	22 09 54	57 42				845042
52932	SPOKANE, WASH.	8142	8 13	7 06 51.9			180 00	64 15 36		845302
30365	PORTLAND, ORE.	0076	8 13	7 06 55	21 42 30	28 30				845042
52102	ALAMOGORDO, N.M.	5013	8 13	7 07 01.62	16 43 54	57 03				620003
30221	ALBUQUERQUE, N.M.	8534	8 13	7 07 03.4	17 11 48	54 12				845043
52103	ALAMOGORDO, N.M.	5013	8 13	7 07 23.94	16 50 49	60 43				620003
52820	MEANOOK-P, CANADA	5450	8 13	7 07 26	20 32 06	5 30				637007
52104	ALAMOGORDO, N.M.	5013	8 13	7 07 36.82	16 55 28	62 51				620003
30695	MANHATTAN, KAN.	0027	8 13	7 07 45	17 16 30	36 57				845042
30193	SAN JOSE, CAL.	8573	8 13	7 08 35.7	0 35 06	54 48				845042
30053	N. CANTON, OHIO	0053	8 13	7 08 38.2	17 20 00	25 24				845042
30837	SACRAMENTO, CAL.	8517	8 13	7 08 38.2	0 17 18	52 23				641013
52934	SPOKANE, WASH.	8142	8 13	7 09 00.8	22 42 30	29 36				845042
30349	MILWAUKEE, WIS.	0074	8 13	7 09 19			284 06	32		641302
30404	ALBUQUERQUE, N.M.	8579	8 13	7 09 55			0 00	45 30		845303
30366	PORTLAND, ORE.	0076	8 13	7 10 00	0 32 30	32 06				845042
30044	ALAMOGORDO, N.M.	0102	8 13	7 10 12			0	38 00		845302
30024	PORTLAND, ORE.	0076	8 13	7 10 55.2	0 40	31 12				845041
10029	JUPITER-BN, FLA.	9010	8 13	7 11 07.84	16 13 00	53 55				434013
30078	EVANSTON, ILL.	0149	8 13	7 11 11.0			283 48	44 36		845302
31404	MADISON, WIS.	0148	8 13	7 12 01.0	19 28 30	53 00				845042
52779	MADISON-P, WISC.	5078	8 13	7 12 01.0	19 28 30	53 00				637007
52935	SPOKANE, WASH.	8142	8 13	7 12 15.5			87 00	35 30		845302
30244	ROCHESTER, N.Y.	8564	8 13	7 12 28.6	18 32 48	39 00				845033
30333	SAN JOSE, CAL.	8573	8 13	7 12 38.6	2 52 00	38 42				845042
32721	WHITTIER-D, CAL.	8566	8 13	7 12 42.4			46 16 48	19 09 00		845303
30367	PORTLAND, ORE.	0076	8 13	7 13 08.4	2 07	25 42				845042
30245	ROCHESTER, N.Y.	8564	8 13	7 13 28.1	19 52 12	52 12				845033
30067	BILOXI, MISS.	0090	8 13	7 14 07			0	27 42		845302
30402	CHICAGO, ILL.	0020	8 13	7 14 23			0 00	64		845302
30118	CHINA LAKE, CAL.	0098	8 13	7 14 23.5			52 17 24	14 14 24		641303
31400	MADISON, WIS.	0148	8 13	7 15 10.5	0 53 00	60 36				845042
52780	MADISON-P, WISC.	5078	8 13	7 15 10.5	0 53 00	60 36				637007
30089	CINCINNATI, OHIO	0050	8 13	7 15 14			0 00	53 24		845302
30021	DAYTON, OHIO	8557	8 13	7 15 23.6			3 23	55 56		845304
30386	DAYTON, OHIO	8557	8 13	7 15 25.0			3 26	55 44		845303
30235	TERRE HAUTE, IND.	8127	8 13	7 15 25.9			19	52 30		845302
30054	N. CANTON, OHIO	0053	8 13	7 15 34.4	22 24 00	70 20				845042
52738	ROCHESTER-P, N.Y.	5050	8 13	7 15 44.0	21 34	60 06				637007
30055	N. CANTON, OHIO	0053	8 13	7 15 53.6	23 13 00	70 06				845032
30056	N. CANTON, OHIO	0053	8 13	7 15 59.2	23 22 00	70 06				845032
30079	EVANSTON, ILL.	0149	8 13	7 16 07.7	1 58 36	58 54				845022
52739	ROCHESTER-P, N.Y.	5050	8 13	7 16 08	22 15 30	61 20				637007
30236	TERRE HAUTE, IND.	8127	8 13	7 16 10.4			31 30	49 20		845303
30057	N. CANTON, OHIO	0053	8 13	7 17 10.0	2 00 30	63 54				845042
30025	ROCHESTER, N.Y.	8564	8 13	7 17 32.4	0 47 48	58 24				845033
10030	JUPITER-BN, FLA.	9010	8 13	7 17 32.90	6 40 00	78 57				434013
30080	EVANSTON, ILL.	0149	8 13	7 18 11.2			49 48	40 42		845302
30350	MILWAUKEE, WIS.	0074	8 13	7 21 28			77 54	20 30		641302
30081	EVANSTON, ILL.	0149	8 13	7 21 55.6			62 54	19 30		845302
30351	MILWAUKEE, WIS.	0074	8 13	7 23 43.8			81 24	11 18		641302
10031	JUPITER-BN, FLA.	9010	8 13	7 24 12.02	5 52 12	35 56				434013
30352	MILWAUKEE, WIS.	0074	8 13	7 26 11			84 54	3 06		641302
30037	W. PALM BEACH, FLA.	0016	8 13	8 03 02.26			323	75		845302
30174	ADELAIDE, AUSTR.	0600	8 13	8 29 53.7			307 30	56 30		845302
30175	ADELAIDE, AUSTR.	0600	8 13	8 29 58.6			309 45 00	56 45 00		845302
30176	ADELAIDE, AUSTR.	0600	8 13	8 30 57.0			331 30	55 15 00		845302
30177	ADELAIDE, AUSTR.	0600	8 13	8 31 10.8			335 15 00	54 15 00		845302
30564	SYDNEY, AUSTR.	0602	8 13	8 31 33.4	12 40	- 1				845042
30549	TOWNSVILLE, AUSTR.	8578	8 13	8 35 44.9			304 09	81 00		845302
30045	TOWNSVILLE, AUSTR.	8578	8 13	8 35 46.4			306 36	80 53		845302
30565	SYDNEY, AUSTR.	0602	8 13	8 35 52	14 25	19 18				845042

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30566	SYDNEY, AUSTR.	0602	8 13	8 36 20.8	15 05	27				845042
30567	SYDNEY, AUSTR.	0602	8 13	8 39 44.2	16 38	41 48				845042
50058	MENLO PARK-P, CAL.	5009	8 13	9 08 32.0	17 33 30	54 54				637007
30194	SAN JOSE, CAL.	8573	8 13	9 08 35.6	17 28 00	54 42				845042
30368	PORTLAND, ORE.	0076	8 13	9 08 46.2	19 12 30	38 48				845042
30369	PORTLAND, ORE.	0076	8 13	9 09 52.3	20 13	46 54				845041
30062	MILWAUKEE, WISC.	0074	8 13	9 10 25.4			291 18	10 18		641302
30068	PORTLAND, ORE.	0076	8 13	9 10 31	21 02	50 06				845041
52821	MEANOOK-P, CANADA	5450	8 13	9 11 14.8	21 01 48	18 24				637007
30838	SACRAMENTO, CAL.	8517	8 13	9 11 41.1			0 00	51 18		641304
30258	CALGARY, CANADA	0452	8 13	9 11 41.2	21 10 00	30 06				845042
30257	CALGARY, CANADA	0452	8 13	9 11 41.4	21 10 00	30 06				845042
30033	CALGARY, CANADA	0452	8 13	9 11 41.8	21 10 00	30 06				845042
52822	MEANOOK-P, CANADA	5450	8 13	9 12 00.6	21 37 54	20 24				637007
30502	WALNUT CREEK, CAL.	8535	8 13	9 12 24.2	1 16 00	75 58				845004
30568	VAN NUYS, CAL.	0113	8 13	9 12 28.0			0 34 12	38 00		845303
30047	WALNUT CREEK, CAL.	8556	8 13	9 12 53.1	1 51 00	70 36				845002
30839	SACRAMENTO, CAL.	8517	8 13	9 12 57.1	1 56 30	70 43				641013
30222	ALBUQUERQUE, N.M.	8534	8 13	9 13 34.0	18 22 00	72 24				845043
30347	MILWAUKEE, WIS.	0074	8 13	9 14 37			292 30	31 48		641302
30405	ALBUQUERQUE, N.M.	8579	8 13	9 15 17.2			0 00	41 18		845303
30259	CALGARY, CANADA	0452	8 13	9 16 36.0	1 55 36	23 24				845042
30058	N. CANTON, OHIO	0053	8 13	9 16 54.4	20 13 42	40 56				845042
30370	PORTLAND, ORE.	0076	8 13	9 17 41.5	3 42 30	24 18				845042
10032	JUPITER-BN, FLA.	9010	8 13	9 19 14.27	19 20 00	67 50				434013
30234	N. CANTON, OHIO	8536	8 13	9 19 28.8	22 25 30	47 13				641042
30063	MILWAUKEE, WISC.	0074	8 13	9 19 30.2			301 42	82 48		641302
30065	BILOXI, MISS.	0090	8 13	9 19 42			0	38 18		845302
30403	CHICAGO, ILL.	0020	8 13	9 20 03.5			0 00	83		845302
30022	DAYTON, OHIO	8557	8 13	9 20 55.7			350 20	79 10		845304
30090	CINCINNATI, OHIO	0050	8 13	9 20 58.5			0 00	76 12		845302
50105	ST. LOUIS, MO.	5082	8 13	9 22 07.0	3 49 18	40 24				845002
30059	N. CANTON, OHIO	0053	8 13	9 22 22.8	1 50 30	36 55				845032
10033	JUPITER-BN, FLA.	9010	8 13	9 22 56.75	2 53 12	57 25				434013
10034	JUPITER-BN, FLA.	9010	8 13	9 23 19.94	3 30 18	72 20				434013
30348	MILWAUKEE, WIS.	0074	8 13	9 24 44.1			112 24	36 48		641302
30548	EVANSTON, ILL.	0149	8 13	9 27 05.9			97 42	23 48		845302
30387	DAYTON, OHIO	8557	8 13	9 31 36.6			114 07	10 01		845304
30064	MILWAUKEE, WISC.	0074	8 13	9 32 06.2			114 06	3 12		641302
30181	ADELAIDE, AUSTR.	0600	8 13	10 33 19.5			298 30	11 15 00		845302
30178	ADELAIDE, AUSTR.	0600	8 13	10 33 28.5			300	11 15 00		845302
30179	ADELAIDE, AUSTR.	0600	8 13	10 33 33.1			300	11 00 00		845302
30180	ADELAIDE, AUSTR.	0600	8 13	10 33 34.3			300	11 45 00		845302
30164	PERTH, AUSTR.	0601	8 13	10 36 56.2			14 57	19 45		641304
30165	PERTH, AUSTR.	0601	8 13	10 37 16.3			16 24	18 25		641304
30166	PERTH, AUSTR.	0601	8 13	10 39 42.0			17 40	16 55		641302
30167	PERTH, AUSTR.	0601	8 13	10 40 34.3			24 39	5 58		641304
30168	PERTH, AUSTR.	0601	8 13	10 40 54.2			25 35	5 15		641302
30216	SAN JUAN, ARG.	0812	8 13	10 43 42			53 48	14 24	3594	845302
31815	KAGOSHIMA, JAPAN	0218	8 13	10 53 37	21 39	1				845002
30145	ASAHIKAWA, JAPAN	0201	8 13	10 55 41.0	20 54 00	- 9 54				845042
31816	SAPPORO, JAPAN	0245	8 13	11 02 00	22 01	5				845002
30146	ASAHIKAWA, JAPAN	0201	8 13	11 03 39.8	23 07 00	9 00				845042
30371	PORTLAND, ORE.	0076	8 13	11 13 12.5	20 27	38 48				845041
31223	LAS CRUCES, N.M.	0042	8 13	11 13 38	19 03	44 51				845041
30372	PORTLAND, ORE.	0076	8 13	11 13 49	20 54	41 18				845042
30069	PORTLAND, ORE.	0076	8 13	11 15 09.3	23 37	43 12				845041
30840	SACRAMENTO, CAL.	8517	8 13	11 17 10.4			0 00	63 12		641304
30841	SACRAMENTO, CAL.	8517	8 13	11 17 40.1	1 24 54	62 08				641013
30410	WALNUT CREEK, CAL.	8535	8 13	11 17 53.1	1 59 45	62 42				845004
30195	SAN JOSE, CAL.	8573	8 13	11 17 53.6	2 02 00	64 12				845042
30842	SACRAMENTO, CAL.	8517	8 13	11 17 57.8	1 52 48	59 57				641013
30569	VAN NUYS, CAL.	0113	8 13	11 18 05.0			1 00	50 36		845303
52105	ALAMOGORDO, N.M.	5013	8 13	11 18 34.71	21 05 34	59 23				620003
31224	LAS CRUCES, N.M.	0042	8 13	11 18 40.5	21 10	62 18				845041
52106	ALAMOGORDO, N.M.	5013	8 13	11 19 43.84	22 28 10	63 00				620003
52107	ALAMOGORDO, N.M.	5013	8 13	11 20 40.78	23 58 48	63 19				620003
30223	ALBUQUERQUE, N.M.	8534	8 13	11 20 52.8	0 41 12	56 27				845043
30406	ALBUQUERQUE, N.M.	8579	8 13	11 21 37.7			0 00	73 42		845303
30224	ALBUQUERQUE, N.M.	8534	8 13	11 23 02.7	3 11 12	40 00				845043
30570	VAN NUYS, CAL.	0113	8 13	11 24 40.8	5 29 34	18 32				845043
30335	SAN JOSE, CAL.	8573	8 13	11 25 15.1	5 28 00	8 12				845042
31225	LAS CRUCES, N.M.	0042	8 13	11 26 16	4 59	20 23				845041
31226	LAS CRUCES, N.M.	0042	8 13	11 29 57	6 34 30	-14 12				845041
31227	LAS CRUCES, N.M.	0042	8 13	11 32 52	6 40	-18 45				845041
31818	KAGOSHIMA, JAPAN	0218	8 13	12 48 02	15 56	-19 42				845002
30844	TAIPEI, TAIWAN	0502	8 13	12 50 07.5	18 05 00	10 00				845042
30163	TAIPEI, TAIWAN	0502	8 13	12 51 54.8	19 27 30	27 54				845042
30147	YATSUSHIRO, JAPAN	0272	8 13	12 54 30			180 00	79 00		845302
30148	ASAHIKAWA, JAPAN	0201	8 13	12 56 12.8	18 26	0 48				845042
31817	KAGOSHIMA, JAPAN	0218	8 13	12 56 50	21 38	44				845002
31819	KAGOSHIMA, JAPAN	0218	8 13	12 59 05	23 44	46 12				845002
31820	SAPPORO, JAPAN	0245	8 13	13 00 22	21 52	28				845002
30843	SACRAMENTO, CAL.	8517	8 13	13 25 07.9			180 00	51 12		641304
30845	TAIPEI, TAIWAN	0502	8 13	14 53 10.4	15 36	40				845042
30846	TAIPEI, TAIWAN	0502	8 13	14 56 09.4	16 14 54	59 48				845042
30847	TAIPEI, TAIWAN	0502	8 13	14 57 59.6	16 25 30	75 42				845042
31821	KAGOSHIMA, JAPAN	0218	8 13	14 59 35	16 47	63 36				845002
30149	ASAHIKAWA, JAPAN	0201	8 13	15 00 27.0	18 01 00	29 36				845042
31823	YATSUSHIRO, JAPAN	0272	8 13	15 02 02			0 00	40 06		845302
30151	SENDAI, JAPAN	0246	8 13	15 02 34.3			321 06	50 30		845302
31822	SAPPORO, JAPAN	0245	8 13	15 03 02	19 34	51				845002
31824	KAGOSHIMA, JAPAN	0218	8 13	15 04 59.7	22 50	84 24				845002
31825	KAGOSHIMA, JAPAN	0218	8 13	15 07 22.4	4 05 30	50 06				845002
30161	PRETORIA, S.AFR.	8575	8 13	16 29 31.6	15 27 00	79 00				845042

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30150	ASAHIKAWA, JAPAN	0201	8 13	17 05 00.0	18 47	35 30				845042
31827	YATSUSHIRO, JAPAN	0272	8 13	17 07 26			0 00	32 42		845302
31828	KAGOSHIMA, JAPAN	0218	8 13	17 07 35.2	3 10	79 06				845002
31826	SAPPORO, JAPAN	0245	8 13	17 09 02	22 22	58				845002
31830	KAGOSHIMA, JAPAN	0218	8 13	19 11 43	21 47	70				845002
31829	YATSUSHIRO, JAPAN	0272	8 13	19 13 27			0 00	55 00		845302
10051	SAN FERNANDO-BN, SP.	9004	8 13	20 45 30.00	20 32 54	- 4 43				434013
10052	SAN FERNANDO-BN, SP.	9004	8 13	20 45 34.00	20 35 06	- 4 19				434013
10053	SAN FERNANDO-BN, SP.	9004	8 13	20 45 38.00	20 37 18	- 3 53				434013
35197	HANNOVER, GER.	8069	8 13	20 56 37.9	23 49 06	9 16				845012
30298	HANOVER, GER.	0702	8 13	20 59 32.8			87 00	12 36		845302
35198	HANNOVER, GER.	8069	8 13	22 52 49.5	19 44 12	8 22				845012
30299	HANOVER, GER.	0702	8 13	22 56 40.3			125 30	49 12		845302
30415	BERLIN, GER.	0700	8 13	22 57 29.9			126 00	51 06		845302
30416	BERLIN, GER.	0700	8 13	22 59 22.6			110 12	41 54		845302
30417	BERLIN, GER.	0700	8 13	23 00 09.1			104 24	36 12		845302
30418	BERLIN, GER.	0700	8 13	23 01 29.2			97 30	28 24		845302
30419	BERLIN, GER.	0700	8 13	23 02 23.3			94 18	23 48		845302
30420	BERLIN, GER.	0700	8 13	23 03 07.0			92 30	20 12		845302
30217	SAN JUAN, ARG.	0812	8 13	23 18 42			307 12	16 12	3250	845302
30082	W. PALM BEACH, FLA.	0016	8 14	0 33 58			103	23		845303
30083	W. PALM BEACH, FLA.	0016	8 14	0 34 15			100	22 30		845303
30388	W. PALM BEACH, FLA.	0016	8 14	0 34 42			97	22		845303
10204	JUPITER-BN, FLA.	9010	8 14	0 36 10.26	19 49 48	19 00				434013
30170	GLASGOW, SCOTLAND	0651	8 14	0 56 32.7			181 36	50 54		845302
30171	GLASGOW, SCOTLAND	0651	8 14	0 57 34	22 50	18				845031
52832	WENDELSTEIN-P, GER.	5700	8 14	0 59 08	23 50 24	43 42				637007
52833	WENDELSTEIN-P, GER.	5700	8 14	0 59 23	23 31 18	44 24				637007
10057	SAN FERNANDO-BN, SP.	9004	8 14	0 59 46.70	3 41 48	55 02				434013
10058	SAN FERNANDO-BN, SP.	9004	8 14	0 59 50.70	3 43 00	54 33				434013
52834	WENDELSTEIN-P, GER.	5700	8 14	0 59 53	22 07 24	44 54				637007
10059	SAN FERNANDO-BN, SP.	9004	8 14	0 59 54.70	3 44 24	54 01				434013
30300	HANOVER, GER.	0702	8 14	1 00 36.3			159 12	63 42		845302
30301	HANOVER, GER.	0702	8 14	1 05 19.9			112 12	29 00		845302
10074	SHIRAZ-BN, IRAN	9008	8 14	1 20 00.00	23 13 12	58 52				434013
50136	ROSTOV-DONU, USSR	1041	8 14	2 05 51.8	2 55 42	25 54				845009
30427	W. PALM BEACH, FLA.	0016	8 14	2 33 37			232 30	20		845303
30428	W. PALM BEACH, FLA.	0016	8 14	2 34 07			233	22 30		845303
30432	FT. WORTH, TEX.	0139	8 14	2 36 10.6	18 52 00	-22 06				845042
30431	FT. WORTH, TEX.	0139	8 14	2 36 15	18 55 00	-22 00				845042
30124	DALLAS, TEX.	0129	8 14	2 36 29.7	18 54 30	-20 54				845043
30429	W. PALM BEACH, FLA.	0016	8 14	2 37 00			240	39 30		845303
10069	JUPITER-BN, FLA.	9010	8 14	2 37 13.66	16 10 00	- 1 21				434013
30378	MILWAUKEE, WIS.	0074	8 14	2 37 38.7			181 42	19 30		641302
30503	DAYTON, OHIO	8557	8 14	2 37 55.8			192 24	25 48		845304
30696	MANHATTAN, KAN.	0027	8 14	2 37 58	18 54	-26 30				845042
30504	DAYTON, OHIO	8557	8 14	2 38 01.3			191 47	26 40		845304
30697	MANHATTAN, KAN.	0027	8 14	2 39 35	20 09	-12 40				845042
31782	SAN ANTONIO, TEX.	0096	8 14	2 39 51.5	21 45	8 30				845042
30379	MILWAUKEE, WIS.	0074	8 14	2 40 42.0			160 06	29 48		641302
31783	SAN ANTONIO, TEX.	0096	8 14	2 40 48.9	22 00	11 40				845042
30435	TERRE HAUTE, IND.	8127	8 14	2 41 04.0			150 45	40 00		845303
30111	BILOXI, MISS.	0090	8 14	2 41 38			90	52 06		845302
52740	ROCHESTER-P, N.Y.	5050	8 14	2 41 43.6	18 42 30	- 9 48				637007
30438	ROCHESTER, N.Y.	8585	8 14	2 41 47.9	18 46 48	- 9 09				845032
10068	JUPITER-BN, FLA.	9010	8 14	2 42 03.64	19 32 24	45 40				434013
30436	TERRE HAUTE, IND.	8127	8 14	2 42 04.6			137	41 30		845302
30132	EVANSTON, ILL.	0149	8 14	2 42 10.7			18 48	37 12		845302
30105	MILWAUKEE, WISC.	0074	8 14	2 42 29.1			138 30	33 36		641302
30506	CINCINNATI, OHIO	0050	8 14	2 42 30			139	47		845301
30098	N. CANTON, OHIO	0053	8 14	2 42 37.6	19 51 30	0 18				845042
30441	CHICAGO, ILL.	0020	8 14	2 42 40			136 00 00	35 30		845302
52741	ROCHESTER-P, N.Y.	5050	8 14	2 42 45.5	19 17 48	- 4 07				637007
30114	SAN ANTONIO, TEX.	0096	8 14	2 42 56.9	22 46	23 10				845002
30437	TERRE HAUTE, IND.	8127	8 14	2 43 11.8			120	40 15		845302
30187	DAYTON, OHIO	8557	8 14	2 43 33.9			137 47	45 36		845304
30380	MILWAUKEE, WIS.	0074	8 14	2 44 54.5			112 36	31 30		641302
30377	ROCHESTER, N.Y.	8564	8 14	2 45 10.8	20 53 12	11 36				845033
52742	ROCHESTER-P, N.Y.	5050	8 14	2 45 12.0	20 59 18	10 22				637007
10070	JUPITER-BN, FLA.	9010	8 14	2 45 19.25	23 07 18	53 34				434013
30133	EVANSTON, ILL.	0149	8 14	2 45 27.1	22 15 24	11 12				845022
30191	ROCHESTER, N.Y.	8564	8 14	2 45 48.2	21 23 36	13 18				845033
52743	ROCHESTER-P, N.Y.	5050	8 14	2 46 44.6	22 08 00	17 40				637007
30381	MILWAUKEE, WIS.	0074	8 14	2 47 37.6			88 48	22 00		641302
30443	MILWAUKEE, WIS.	0074	8 14	2 48 23.6	84 24	19 12				641002
30444	MILWAUKEE, WIS.	0074	8 14	2 48 57.3	82 06	17 30				641002
30430	W. PALM BEACH, FLA.	0016	8 14	2 50 14			46	10		845303
30445	MILWAUKEE, WIS.	0074	8 14	2 51 02.2	73 36	10 12				641002
52696	WESTFIELD-P, MASS.	5021	8 14	2 55 10	20 13	14 30				637007
30169	GLASGOW, SCOTLAND	0651	8 14	3 01 41.9			181 00	47 00		845302
10060	SAN FERNANDO-BN, SP.	9004	8 14	3 02 39.40	2 28 06	68 40				434013
10061	SAN FERNANDO-BN, SP.	9004	8 14	3 02 43.40	2 34 06	68 05				434013
10062	SAN FERNANDO-BN, SP.	9004	8 14	3 02 47.40	2 39 54	67 29				434013
30357	SAN JOSE, CAL.	8573	8 14	4 31 38.9	16 52 00	-38 24				845042
31784	SAN ANTONIO, TEX.	0096	8 14	4 34 55.8	15 11	- 8 50				845042
30358	SAN JOSE, CAL.	8573	8 14	4 35 20.7	18 25 12	-22 48				845042
52936	SPOKANE, WASH.	8142	8 14	4 36 11.8			180	12 12		845302
30268	CHINA LAKE, CAL.	0098	8 14	4 36 20.7			180 00 00	37 39 00		641303
50107	MENLO PARK, CAL.	5009	8 14	4 37 29.0	19 32 30	-12 30				845002
30446	SAN DIEGO, CAL.	0133	8 14	4 38 50	19 47	9				845041
30848	SACRAMENTO, CAL.	8517	8 14	4 39 29.0	20 28 48	- 2 53				641013
30120	SACRAMENTO, CAL.	8517	8 14	4 40 50.1	21 16 12	4 50				641013
30196	SAN JOSE, CAL.	8573	8 14	4 41 12.4	21 38 00	9 42				845042
30849	SACRAMENTO, CAL.	8517	8 14	4 41 12.5	21 28 48	6 43				641013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
30899	WALNUT CREEK, CAL.	8586	8 14	4 41 19.5	21 42 45	9 12				845003
30448	SAN ANTONIO, TEX.	8543	8 14	4 42 16	17 50	51 30				845002
30433	FT. WORTH, TEX.	0139	8 14	4 42 21	17 24	37 18				845042
30134	EVANSTON, ILL.	0149	8 14	4 42 21.8			242 05	34 15		845302
52937	SPOKANE, WASH.	8142	8 14	4 42 33.0			131 48	27 00		845302
30447	SAN DIEGO, CAL.	0133	8 14	4 42 46	22 40	30 30				845041
30449	DENVER, COLO.	8582	8 14	4 42 59			137 15 00	65 45 00		845303
30454	TERRE HAUTE, IND.	8127	8 14	4 43 05.9	18 36	38 10				845042
30434	FT. WORTH, TEX.	0139	8 14	4 43 42.6	19 07	54 30				845042
30125	DALLAS, TEX.	0129	8 14	4 43 45.5	9 21 42	26 24				845043
30359	SAN JOSE, CAL.	8573	8 14	4 43 50.3	23 18 00	14 54				845042
30084	WICHITA, KAN.	0028	8 14	4 44 07.0	19 43 41	37 27				845043
31228	VAN NUYS, CAL.	0113	8 14	4 44 11.7	23 29 14	28 13				845043
30135	EVANSTON, ILL.	0149	8 14	4 45 06.1	18 33 54	25 36				845022
30698	MANHATTAN, KAN.	0027	8 14	4 45 48.5	21 38	43 00				845042
30505	DAYTON, OHIO	8557	8 14	4 46 02.3			279 23	65 34		845304
50106	ST. LOUIS, MO.	5082	8 14	4 46 15.0	20 14 18	50 00				845002
30112	BILOXI, MISS.	0090	8 14	4 46 39.0			0	43 12		845302
30442	CHICAGO, ILL.	0020	8 14	4 47 01			165 00 00	89 00		845302
52938	SPOKANE, WASH.	8142	8 14	4 47 05.7			93 36	18 42		845302
30455	TERRE HAUTE, IND.	8127	8 14	4 47 06.0			0 30	77 40		845302
30439	ROCHESTER, N.Y.	8585	8 14	4 47 39.6	18 51 30	37 09				845032
30190	ROCHESTER, N.Y.	8564	8 14	4 47 46.6	18 50 30	36 48				845033
30188	DAYTON, OHIO	8557	8 14	4 47 51.0			352 27	74 54		845304
30091	CINCINNATI, OHIO	8555	8 14	4 47 59.1			0 00	71 00		845302
30457	DALLAS, TEX.	0129	8 14	4 48 16.8	1 08 54	55 24				845043
30869	PITTSBURGH, PA.	8571	8 14	4 48 33.8	20 12	51 24				845041
10086	JUPITER-BN, FLA.	9010	8 14	4 48 43.83	16 42 00	86 58				434013
30099	N. CANTON, OHIO	0053	8 14	4 49 41.6	22 29 00	58 15				845042
30407	ALBUQUERQUE, N.M.	0103	8 14	4 49 47.3			57	14 54		845302
10087	JUPITER-BN, FLA.	9010	8 14	4 50 00.16	3 32 30	82 22				434013
30102	STATE COLLEGE, PA.	0060	8 14	4 50 06.0			13 54	67 42		845302
30100	N. CANTON, OHIO	0053	8 14	4 51 09.0	0 32 00	53 50				845042
30458	DAYTON, OHIO	8557	8 14	4 51 11.2			51 41	43 31		845304
30507	CINCINNATI, OHIO	0050	8 14	4 51 29			43 30	39		845302
30456	TERRE HAUTE, IND.	8127	8 14	4 52 42.8	58 15	27 30				845043
30459	DAYTON, OHIO	8557	8 14	4 53 52.8			57 27	24 59		845304
10088	JUPITER-BN, FLA.	9010	8 14	4 53 59.65	4 06 36	57 07				434013
30136	EVANSTON, ILL.	0149	8 14	4 54 25.3			19 48	65 07		845302
30411	WALNUT CREEK, CAL.	8556	8 14	6 34 26.0	16 11 30	- 4 06				845003
32722	WHITTIER-D, CAL.	8566	8 14	6 39 14.5			268 48	31 12		845303
30360	SAN JOSE, CAL.	8573	8 14	6 40 05.8	17 04 00	15 12				845042
52939	SPOKANE, WASH.	8142	8 14	6 40 37.9			225 54	25 06		845302
32723	WHITTIER-D, CAL.	8566	8 14	6 42 13.6			297 06	51 12		845303
30450	DENVER, COLO.	8582	8 14	6 42 16.75			268 45 00	25 45 00		845303
30361	SAN JOSE, CAL.	8573	8 14	6 42 38.1	18 33 48	40 30				845042
31230	VAN NUYS, CAL.	0113	8 14	6 43 07			315	65		845302
32724	WHITTIER-D, CAL.	8566	8 14	6 43 12.4			316 06	56 06		845303
30850	SACRAMENTO, CAL.	8517	8 14	6 43 54.0	19 53 24	45 47				641013
30121	SACRAMENTO, CAL.	8517	8 14	6 44 22.2	19 56 00	45 16				641012
31231	VAN NUYS, CAL.	0113	8 14	6 44 53			0	57 30		845302
30394	CALGARY, CANADA	0452	8 14	6 45 03.6	19 47 00	9 30				845042
30162	CALGARY, CANADA	0452	8 14	6 45 05.0	19 48 18	9 36				845042
30109	PORTLAND, ORE.	0076	8 14	6 46 32.8	23 07	28 06				845042
52940	SPOKANE, WASH.	8142	8 14	6 46 50.3			135 06	64 06		845302
30086	ALBUQUERQUE, N.M.	0041	8 14	6 47 07.5	18 29 00	71 18				845033
30355	ALBUQUERQUE, N.M.	0041	8 14	6 47 09.4	18 31 00	71 30				845033
30356	ALBUQUERQUE, N.M.	0041	8 14	6 47 11.5	18 34 30	71 42				845033
30460	FT. WORTH, TEX.	0139	8 14	6 47 36.2	16 25 00	61 36				845043
30408	ALBUQUERQUE, N.M.	8579	8 14	6 48 14.7			0 00	46 18		845303
31229	VAN NUYS, CAL.	0113	8 14	6 48 59.0	2 14 20	56 37				845043
30197	SAN JOSE, CAL.	8573	8 14	6 49 31.5	2 02 30	45 12				845042
30508	DAYTON, OHIO	8557	8 14	6 49 33.6			302 29	35 15		845304
52693	DOMINION, CANADA	2450	8 14	6 49 59.4	18 13 30	28 06				637007
30461	FT. WORTH, TEX.	0139	8 14	6 50 43.8	1 10	87 00				845043
52941	SPOKANE, WASH.	8142	8 14	6 50 47.4			85 30	34 54		845302
31232	VAN NUYS, CAL.	0113	8 14	6 50 59			45	26 30		845302
30395	CALGARY, CANADA	0452	8 14	6 52 07.3	0 55 36	21 06				845042
30092	CINCINNATI, OHIO	8555	8 14	6 53 33.5			0 00	53 06		845302
30189	DAYTON, OHIO	8557	8 14	6 53 34.5			359 52	55 50		845304
30462	FT. WORTH, TEX.	0139	8 14	6 54 03.6	4 48 00	63 18				845043
30463	CINCINNATI, OHIO	0050	8 14	6 54 20			13	50		845302
30440	ROCHESTER, N.Y.	8585	8 14	6 54 26.5	22 02 30	62 27				845032
30464	CINCINNATI, OHIO	0050	8 14	6 55 00			20 42	49		845302
52694	DOMINION, CANADA	2450	8 14	6 56 11.1	0 16	51 06				637007
30509	DAYTON, OHIO	8557	8 14	6 57 01.9			54 12	39 12		845304
30510	DAYTON, OHIO	8557	8 14	7 02 42.6			77 30	12 02		845304
30572	SYDNEY, AUSTR.	0602	8 14	8 11 22.6	13 18	3 15				845042
30571	SYDNEY, AUSTR.	0602	8 14	8 13 26	14 18	19 18				845042
30205	TOWNSVILLE, AUSTR.	8578	8 14	8 14 10.6			300 50	86 02		845302
30851	TOWNSVILLE, AUSTR.	8578	8 14	8 14 10.6			304 41	86 04		845302
10089	MAUI-BN, HAWAII	9012	8 14	8 36 23.87	15 20 06	46 47				434013
10090	MAUI-BN, HAWAII	9012	8 14	8 37 40.75	15 41 00	59 00				434013
10091	MAUI-BN, HAWAII	9012	8 14	8 42 40.82	1 38 00	77 15				434013
30362	SAN JOSE, CAL.	8573	8 14	8 42 58.6	16 26 12	26 36				845042
32725	WHITTIER-D, CAL.	8566	8 14	8 43 02.9			306 06	21 00		845303
30363	SAN JOSE, CAL.	8573	8 14	8 44 22.2	16 38 00	34 48				845042
32726	WHITTIER-D, CAL.	8566	8 14	8 45 20.0			320 36	29 06		845303
30364	SAN JOSE, CAL.	8573	8 14	8 47 19.8	17 30 00	58 18				845042
30853	PORTLAND, ORE.	0076	8 14	8 47 30.5	19 54	43 00				845042
30110	PORTLAND, ORE.	0076	8 14	8 48 39	20 30	49 00				845042
30412	WALNUT CREEK, CAL.	8556	8 14	8 48 45.6	18 56 00	71 24				845004
30122	SACRAMENTO, CAL.	8517	8 14	8 50 01.0			0 00	51 36		641304
30870	VAN NUYS, CAL.	0113	8 14	8 50 49.3	23 10 20	86 40				845043
52942	SPOKANE, WASH.	8142	8 14	8 50 59.1			180 00	87 42 00		845302

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30854	PORTLAND, ORE.	0076	8 14	8 51 54	1 40	47 30				845042
30413	WALNUT CREEK, CAL.	8556	8 14	8 52 50.0	3 24 00	60 00				845003
30451	DENVER, COLO.	8582	8 14	8 53 17			344 45 00	54 45 00		845303
52943	SPOKANE, WASH.	8142	8 14	8 53 54.1			91 30	53 54		845302
30198	SAN JOSE, CAL.	8573	8 14	8 54 25.3	3 49 00	47 48				845042
32727	WHITTIER-D, CAL.	8566	8 14	8 54 39.3			8 12	35 06		845303
30465	CINCINNATI, OHIO	0050	8 14	8 55 00			298 30	35 30		845302
52944	SPOKANE, WASH.	8142	8 14	8 56 00.3			90 30	35 06		845302
30207	EDINBURG, TEX.	8581	8 14	8 56 01.4			10	24 30		845302
30466	CINCINNATI, OHIO	0050	8 14	8 56 04			302 30	44		845302
32728	WHITTIER-D, CAL.	8566	8 14	8 56 32.0			49 12	21 36		845303
30137	EVANSTON, ILL.	0149	8 14	8 56 54.6	4 16 42	9 30				845022
30467	CINCINNATI, OHIO	0050	8 14	8 57 13			309 30	54 30		845302
30138	EVANSTON, ILL.	0149	8 14	8 59 03.5	5 36 42	28 36				845022
30093	CINCINNATI, OHIO	8555	8 14	8 59 17.7			0 00	74 30		845302
30511	EDINBURG, TEX.	8581	8 14	8 59 18			30	23 45		845302
30101	N. CANTON, OHIO	0053	8 14	9 00 43.0	1 42 00	39 06				845042
30139	EVANSTON, ILL.	0149	8 14	9 06 10.1	4 50 00	- 1 06				845022
10080	CURACAO-BN, N.W.I.	9009	8 14	9 07 47.42	5 44 48	61 58				434013
10081	CURACAO-BN, N.W.I.	9009	8 14	9 10 16.59	6 20 06	42 34				434013
10082	CURACAO-BN, N.W.I.	9009	8 14	9 11 43.10	6 35 06	31 38				434013
10048	WOOMERA-BN, AUSTR.	9003	8 14	10 05 04.84	10 25 18	-14 22				434013
30550	ADELAIDE, AUSTR.	8528	8 14	10 08 46.6	11 49	1 30				845042
31233	PERTH, AUSTR.	0601	8 14	10 09 10.2			315 00	50 36		641302
31234	PERTH, AUSTR.	0601	8 14	10 10 32.0			339 15	47 00		641302
30182	ADELAIDE, AUSTR.	0600	8 14	10 11 16.2			295 30	13		845302
30183	ADELAIDE, AUSTR.	0600	8 14	10 11 21.0			295 30	13		845302
30551	ADELAIDE, AUSTR.	8528	8 14	10 11 42.7	12 46	14 42				845042
30184	ADELAIDE, AUSTR.	0600	8 14	10 11 54.0			300 30	12 45 00		845302
30185	ADELAIDE, AUSTR.	0600	8 14	10 12 00.3			300 30	13 00		845302
31235	PERTH, AUSTR.	0601	8 14	10 12 10.3			359 25	37 45		641304
30552	ADELAIDE, AUSTR.	8528	8 14	10 12 18	12 57 30	17 30				845042
30186	ADELAIDE, AUSTR.	0600	8 14	10 12 49.4			306 30	12 30		845302
10049	WOOMERA-BN, AUSTR.	9003	8 14	10 13 35.22	13 13 24	20 38				434013
31236	PERTH, AUSTR.	0601	8 14	10 14 08.6			12 41	26 14		641304
30553	ADELAIDE, AUSTR.	8528	8 14	10 16 09.4	14 16	35 45				845042
31237	PERTH, AUSTR.	0601	8 14	10 16 45.7			21 35	14 55		641303
30852	TOWNSVILLE, AUSTR.	8578	8 14	10 19 24.9			311 55	15 49		845302
30206	TOWNSVILLE, AUSTR.	8578	8 14	10 19 26.6			312 02	15 50		845302
10050	WOOMERA-BN, AUSTR.	9003	8 14	10 19 34.97	15 31 00	49 11				434013
30152	ASAHIKAWA, JAPAN	0201	8 14	10 27 56.0	18 24 00	-34 12				845042
31831	SAPPORO, JAPAN	0245	8 14	10 32 57	20 18	-15				845002
10092	MAUI-BN, HAWAII	9012	8 14	10 44 46.21	14 09 00	73 25				434013
10093	MAUI-BN, HAWAII	9012	8 14	10 45 08.75	13 52 00	75 35				434013
10094	MAUI-BN, HAWAII	9012	8 14	10 45 12.75	13 48 00	75 58				434013
30855	PORTLAND, ORE.	0076	8 14	10 51 45	20 22	40 00				845042
30452	DENVER, COLO.	8582	8 14	10 57 36			294 30	56 15 00		845303
30108	PORTLAND, ORE.	0076	8 14	10 57 52	1 58 00	32 00				845042
32729	WHITTIER, CAL.	8566	8 14	10 58 02.7			30 54	50 36		845303
30468	PHOENIX, ARIZ.	8576	8 14	10 58 09.7			360	53 44		845303
30453	DENVER, COLO.	8582	8 14	11 02 48			128 15 00	55 15 00		845303
30409	ALBUQUERQUE, N.M.	8579	8 14	11 02 50.5			90	56 48		845302
30389	EDINBURG, TEX.	0066	8 14	11 04 06.4			30	59		845302
32730	WHITTIER, CAL.	8566	8 14	11 04 12.6			92 00	18 18		845303
30104	EDINBURG, TEX.	0066	8 14	11 04 19.8			36	59 36		845303
32731	WHITTIER, CAL.	8566	8 14	11 07 59.2			98 36	8 15 00		845303
31238	PERTH, AUSTR.	0601	8 14	12 13 07.5			304 00	8 06		641302
31239	PERTH, AUSTR.	0601	8 14	12 14 45.2			312 50	7 30		641302
31240	PERTH, AUSTR.	0601	8 14	12 15 21.7			317 10	6 48		641302
31241	PERTH, AUSTR.	0601	8 14	12 17 10.0			327 00	5 00		641302
31242	PERTH, AUSTR.	0601	8 14	12 17 57.3			330 55	3 54		641302
31832	KAGOSHIMA, JAPAN	0218	8 14	12 28 41	16 33	-10				845002
31795	TAIPEI, TAIWAN	0502	8 14	12 30 02.2			98 48	76		845302
31796	TAIPEI, TAIWAN	0502	8 14	12 32 36.7			56 54	47 12		845302
30153	ASAHIKAWA, JAPAN	0201	8 14	12 33 12.0	17 35 00	- 8 00				845042
30157	MIYAZAKI, JAPAN	0230	8 14	12 33 29	19 24	29				845042
10095	MAUI-BN, HAWAII	9012	8 14	12 53 40.68	7 56 00	81 11				434013
10096	MAUI-BN, HAWAII	9012	8 14	12 53 52.69	7 36 00	80 05				434013
10097	MAUI-BN, HAWAII	9012	8 14	12 54 04.70	7 21 00	78 55				434013
10065	NAINI TAL-BN, INDIA	9006	8 14	14 24 22.31	18 47 12	-22 50				434013
10066	NAINI TAL-BN, INDIA	9006	8 14	14 24 36.34	18 56 06	-20 58				434013
10067	NAINI TAL-BN, INDIA	9006	8 14	14 24 47.98	19 00 42	-20 00				434013
30154	ASAHIKAWA, JAPAN	0201	8 14	14 33 46.4	16 44 00	2 12				845042
31835	KAGOSHIMA, JAPAN	0218	8 14	14 38 04	16 50	65				845002
31836	YATSUSHIRO, JAPAN	0272	8 14	14 40 20			0 00	40 30		845302
30156	SENDAI, JAPAN	0246	8 14	14 42 29			351 18	54 30		845302
31834	SAPPORO, JAPAN	0245	8 14	14 47 41	2 50	8				845002
31833	SENDAI, JAPAN	0246	8 14	14 48 00			69 18	74 06		845302
10098	MAUI-BN, HAWAII	9012	8 14	15 01 57.41	4 24 42	54 47				434013
10099	MAUI-BN, HAWAII	9012	8 14	15 03 15.55	5 04 36	42 06				434013
10100	MAUI-BN, HAWAII	9012	8 14	15 04 20.23	5 28 00	31 42				434013
30199	PRETORIA, S.AFR.	8575	8 14	16 05 49.7			315 24	61 42		845302
30200	PRETORIA, S.AFR.	8575	8 14	16 07 11.7			348 54	55 42		845302
30201	PRETORIA, S.AFR.	8575	8 14	16 07 46.6			358 06	51 30		845302
10047	OLIFANTSFNTN-BN,S.AF	9002	8 14	16 08 41.74	15 55 00	20 44				434013
30202	PRETORIA, S.AFR.	8575	8 14	16 11 12.4			22 24	31 30		845302
10075	SHIRAZ-BN, IRAN	9008	8 14	16 35 53.00	19 36 36	- 7 22				434013
10076	SHIRAZ-BN, IRAN	9008	8 14	16 38 50.00	21 48 00	15 08				434013
31837	SAPPORO, JAPAN	0245	8 14	16 40 56	22 41	30				845002
31840	KAGOSHIMA, JAPAN	0218	8 14	16 42 17	16 27	61				845002
31838	SAPPORO, JAPAN	0245	8 14	16 43 42	18 37	40				845002
30155	ASAHIKAWA, JAPAN	0201	8 14	16 45 19.4	19 47	45 36				845042
31839	YATSUSHIRO, JAPAN	0272	8 14	16 45 45			0 00	33 18		845302
30290	CAPETOWN, S.AFR.	0402	8 14	18 09 50.4	14 30	38 29				845042
30203	PRETORIA, S.AFR.	8575	8 14	18 14 10.6			330 24	6 36		845302

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30204	PRETORIA, S.AFR.	8575	8 14	18 15 59.1			339 24	3 48		845302
50210	TASHKENT, USSR	1075	8 14	18 36 37.0	21 19 00	55 36				845009
50211	TASHKENT, USSR	1075	8 14	18 37 08.3	22 10 12	56 42				845009
50212	TASHKENT, USSR	1075	8 14	18 37 53.9	23 23 00	56 06				845009
50213	TASHKENT, USSR	1075	8 14	18 38 28.6	0 09 00	54 12				845009
10077	SHIRAZ-BN, IRAN	9008	8 14	18 38 30.00	16 46 12	37 38				434013
50214	TASHKENT, USSR	1075	8 14	18 39 04.9	0 49 00	51 36				845009
50215	TASHKENT, USSR	1075	8 14	18 39 59.1	1 34 30	46 54				845009
10078	SHIRAZ-BN, IRAN	9008	8 14	18 40 00.00	18 00 00	55 01				434013
50216	TASHKENT, USSR	1075	8 14	18 40 54.4	2 06 00	42 30				845009
10079	SHIRAZ-BN, IRAN	9008	8 14	18 41 30.00	19 59 36	65 53				434013
31843	KAGOSHIMA, JAPAN	0218	8 14	18 50 11.6	21 41	71 06				845002
50139	BLAGOVESTCHENSK,USSR	1010	8 14	18 50 15.0	0 23 00	15 42				845009
31841	SAPPORO, JAPAN	0245	8 14	18 51 39	23 03	27				845002
50140	BLAGOVESTCHENSK,USSR	1010	8 14	18 54 25.3	2 56 00	- 2 24				845009
31842	YATSUSHIRO, JAPAN	0272	8 14	18 57 30			90 00	32 00		845302
51306	ATHENS, GR.	2706	8 14	20 23 23.6			235 30	22 24		637309
10119	SAN FERNANDO-BN, SP.	9004	8 14	20 23 52.30	20 20 24	- 6 13				434013
10120	SAN FERNANDO-BN, SP.	9004	8 14	20 24 12.30	20 30 54	- 4 18				434013
10121	SAN FERNANDO-BN, SP.	9004	8 14	20 24 32.30	20 41 18	- 2 19				434013
51307	ATHENS, GR.	2706	8 14	20 26 55.6			235 18	49 30		637309
30302	HANOVER, GER.	0702	8 14	20 27 21.9			343 42	22 06		845302
51308	ATHENS, GR.	2706	8 14	20 29 12.6			231 54	78 36		637309
35201	HANNOVER, GER.	8601	8 14	20 29 35.4	20 49 00	- 5 36				845042
30303	HANOVER, GER.	0702	8 14	20 29 38.9			323 18	25 54		845302
30304	HANOVER, GER.	0702	8 14	20 32 39.9			295 24	23 36		845302
51309	ATHENS, GR.	2706	8 14	20 34 21.6			58 36	37 42		637309
51310	ATHENS, GR.	2706	8 14	20 35 54.1			58 42	27 00		637309
51311	ATHENS, GR.	2706	8 14	20 38 06.1			58 54	15 48		637309
51312	ATHENS, GR.	2706	8 14	20 39 35.6			59 06	8 42		637309
10118	VILLA DOLORES-BN,ARG	9011	8 14	21 58 14.98	13 33 54	- 3 05				434013
10122	SAN FERNANDO-BN, SP.	9004	8 14	22 28 18.60	19 46 00	44 00				434013
10123	SAN FERNANDO-BN, SP.	9004	8 14	22 28 38.60	20 10 54	46 17				434013
10124	SAN FERNANDO-BN, SP.	9004	8 14	22 28 50.60	20 26 18	47 28				434013
35202	HANNOVER, GER.	8600	8 14	22 31 29.4	19 48 12	8 46				845042
30421	BERLIN, GER.	0700	8 14	22 31 36.9			211 24	42 24		845303
30305	HANOVER, GER.	0702	8 14	22 31 40.8			17 18	46 24		845302
35203	HANNOVER, GER.	8075	8 14	22 31 40.9	19 47 00	9 02				845042
30422	BERLIN, GER.	0700	8 14	22 33 38.7			181 36	54 36		845302
30423	BERLIN, GER.	0700	8 14	22 34 51.2			154 30	56 12		845303
30424	BERLIN, GER.	0700	8 14	22 35 39.9			137 24	53 54		845302
30425	BERLIN, GER.	0700	8 14	22 36 28.7			123 42	49 24		845302
30426	BERLIN, GER.	0700	8 14	22 37 39.9			110 24	41 30		845302
30554	GLASGOW, SCOT.	0651	8 14	22 38 27.0			181 36	25 48		845302
52997	BRNO, CZECH.	2720	8 14	22 40	2 05	23				045040
50142	PULKOVO, USSR	1039	8 14	23 04 12.8	5 00	60 30				845009
10179	AREQUIPA-BN, PERU	9007	8 15	0 00 21.88	11 59 30	-11 57				434013
10113	VILLA DOLORES-B5,A9G	9011	8 15	0 00 41.03	12 36 36	16 23				434013
10114	VILLA DOLORES-BN,ARG	9011	8 15	0 00 49.03	12 39 06	17 04				434013
10115	VILLA DOLORES-BN,ARG	9011	8 15	0 00 57.03	12 41 24	17 39				434013
10116	VILLA DOLORES-BN,ARG	9011	8 15	0 01 52.82	12 57 36	22 06				434013
10117	VILLA DOLORES-BN,ARG	9011	8 15	0 05 12.73	13 58 24	37 50				434013
10180	AREQUIPA-BN, PERU	9007	8 15	0 05 24.54	13 57 18	22 55				434013
10181	AREQUIPA-BN, PERU	9007	8 15	0 08 04.77	15 13 18	42 31				434013
10083	CURACAO-BN, N.W.I.	9009	8 15	0 10 16.41	15 41 12	-21 49				434013
10084	CURACAO-BN, N.W.I.	9009	8 15	0 13 10.60	17 30 18	7 21				434013
10085	CURACAO-BN, N.W.I.	9009	8 15	0 18 42.03	21 20 24	44 14				434013
30172	GLASGOW, SCOTLAND	0651	8 15	0 32 09.6	19 47 30	8 45				845041
10125	SAN FERNANDO-BN, SP.	9004	8 15	0 34 21.60	21 10 00	79 52				434013
35199	HANNOVER, GER.	8069	8 15	0 34 25.9	19 28 12	19 29				845012
10126	SAN FERNANDO-BN, SP.	9004	8 15	0 34 41.60	22 37 30	80 06				434013
30173	GLASGOW, SCOTLAND	0651	8 15	0 34 51.6			181 36	49 30		845302
10127	SAN FERNANDO-BN, SP.	9004	8 15	0 35 05.60	0 11 00	78 44				434013
35204	HANNOVER, GER.	8075	8 15	0 38 26.9	23 01 00	27 01				845042
30469	CHATTANOOGA, TENN.	0062	8 15	0 37 10	4 55	33				845002
50112	MEUDON, FR.	2715	8 15	0 39 16.2			98 15	53 32		637109
50225	KIEV, USSR	1070	8 15	0 43 37.0	23 16 18	25 18				845009
30514	EDINBURG, TEX.	8581	8 15	2 13 52.5			150	42 45		845302
10104	JUPITER-BN, FLA.	9010	8 15	2 14 24.97	15 36 18	-11 28				434013
30215	EDINBURG, TEX.	8581	8 15	2 14 30.2			140	44 42		845302
52781	MADISON-P, WISC.	5078	8 15	2 15 15.0	18 00 00	-29 48				637007
30517	MILWAUKEE, WIS.	0074	8 15	2 15 28.0			182 42	16 30		641304
30515	EDINBURG, TEX.	8581	8 15	2 15 46.2			120	45 15		845302
52782	MADISON-P, WISC.	5078	8 15	2 17 50.0	18 55 00	-21 12				637007
30516	EDINBURG, TEX.	8581	8 15	2 17 58.3			90	36 45		845302
30470	FT. WORTH, TEX.	0139	8 15	2 19 02.4	20 52	1 30				845043
10105	JUPITER-BN, FLA.	9010	8 15	2 19 10.93	18 13 54	31 35				434013
30094	CINCINNATI, OHIO	0050	8 15	2 20 00.0			152	43 42		845302
30113	BILOXI, MISS.	0090	8 15	2 20 15			90	48 06		845302
30103	STATE COLLEGE, PA.	0060	8 15	2 20 27.0			179	44 30		845302
30519	STATE COLLEGE, PA.	0060	8 15	2 20 49.0			175	47		845302
30106	MILWAUKEE, WISC.	0074	8 15	2 20 54.3			137 30	31 48		641304
30512	CINCINNATI, OHIO	0050	8 15	2 22 17			246 30	42 42		845302
30518	MILWAUKEE, WIS.	0074	8 15	2 25 45.8			91 00	22 00		641304
10106	JUPITER-BN, FLA.	9010	8 15	2 27 06.41	0 53 30	45 18				434013
51313	ATHENS, GR.	2706	8 15	2 39 59.4			298 48	19 12		637309
35200	HANNOVER, GER.	8069	8 15	2 41 34.1	22 57 42	14 29				845012
51314	ATHENS, GR.	2706	8 15	2 43 53.4			292 30	41 00		637309
51315	ATHENS, GR.	2706	8 15	2 48 32.7			186 12	73 48		637309
51316	ATHENS, GR.	2706	8 15	2 59 13.9			133 30	5 54		637309
32732	WHITTIER, CAL.	8566	8 15	4 08 12.6			204 00	12 39 00		845303
30520	SAN JOSE, CAL.	8573	8 15	4 10 25.5	16 52 00	38 12				845042
30897	WALNUT CREEK, CAL.	8556	8 15	4 12 20.8	18 00 36	-24 23				845003
30269	CHINA LAKE, CAL.	0098	8 15	4 14 23.3			180 00 00	34 00		641303

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30271	CHINA LAKE, CAL.	0098	8 15	4 14 35.5			178 03 00	35 15 00		641303
30522	EDINBURG, TEX.	0066	8 15	4 15 05.4			262 30	28 00		845303
50111	MENLO PARK, CAL.	5009	8 15	4 16 25.0	19 41 30	-10 30				845002
30414	WALNUT CREEK, CAL.	8556	8 15	4 16 41.4	19 45 40	- 9 48				845003
32733	WHITTIER, CAL.	8566	8 15	4 17 00.2			137 00	50 06		845303
30471	EDINBURG, TEX.	8581	8 15	4 17 23.9			280	40 45		845302
30476	SAN DIEGO, CAL.	0133	8 15	4 17 27	19 45	10				845042
30129	SACRAMENTO, CAL.	8517	8 15	4 17 34.4	20 07 42	- 5 58				641013
30523	EDINBURG, TEX.	0066	8 15	4 17 55.2			286 30	45 00		845303
30472	EDINBURG, TEX.	8581	8 15	4 18 12.4			290	45 48		845302
30479	LAWTON, OKLA.	0110	8 15	4 19 06			245 13 12	55 10 48		845304
30896	WALNUT CREEK, CAL.	8556	8 15	4 19 15.8	21 14 00	5 18				845001
30473	EDINBURG, TEX.	8581	8 15	4 19 23.2			310	50 30		845302
30209	EDINBURG, TEX.	0066	8 15	4 19 54.0			321 00	52 00		845303
30285	SAN JOSE, CAL.	8573	8 15	4 19 59.9	21 36 12	9 36				845042
30513	CINCINNATI, OHIO	0050	8 15	4 20 00			254 30	29 12		845302
30474	EDINBURG, TEX.	8581	8 15	4 20 23.0			330	51 30		845302
31243	LAS CRUCES, N.M.	8583	8 15	4 20 37.8	20 26	38 42				845042
30498	DALLAS, TEX.	0129	8 15	4 20 58.7	17 51 12	40 00				845043
30524	EDINBURG, TEX.	0066	8 15	4 21 18.3			348 00	49 30		845303
32734	WHITTIER, CAL.	8566	8 15	4 21 19.9			79 57 00	32 28 12		845303
30475	EDINBURG, TEX.	8581	8 15	4 21 33.7			350	48		845302
30525	WICHITA, KAN.	0028	8 15	4 22 20.2	19 26 56	33 57				845043
30085	WICHITA, KAN.	0028	8 15	4 22 21.0	19 28 03	34 08				845043
30526	WICHITA, KAN.	0028	8 15	4 22 21.3	19 29 59	34 12				845043
30483	SAN ANTONIO, TEX.	8543	8 15	4 22 22			6	55		845302
30484	TUCSON, ARIZ.	0003	8 15	4 22 29.7			62 06	37 42		845303
30521	SAN JOSE, CAL.	8573	8 15	4 22 49.6	23 22 00	14 48				845042
30485	TUCSON, ARIZ.	0003	8 15	4 23 29.8			60 00	30 36		845303
30871	PITTSBURGH, PA.	0059	8 15	4 23 36.3	17 13 00	24 54				845043
32735	WHITTIER, CAL.	8566	8 15	4 23 41.4			68 23 24	20 09 00		845303
30480	LAWTON, OKLA.	0110	8 15	4 24 34			46 09 00	49 33 00		845304
31246	VAN NUYS, CAL.	0113	8 15	4 24 43	0 00 12	28 43				845043
30095	CINCINNATI, OHIO	0050	8 15	4 24 44.5			337 42	75 12		845302
30127	BILOXI, MISS.	0090	8 15	4 24 53			0	44 30		845302
50143	ST. LOUIS-P, MO.	5082	8 15	4 25 25.0	21 15 00	52 00				637007
30527	CINCINNATI, OHIO	8555	8 15	4 25 28.1			318 06	74 06		845302
30481	LAWTON, OKLA.	0110	8 15	4 26 04			49 36 36	43 02 24		845304
30486	FT. WORTH, TEX.	0139	8 15	4 26 09.8	0 32	55				845043
30872	PITTSBURGH, PA.	0059	8 15	4 26 34.6	19 27 24	52 00				845043
30126	STATE COLLEGE, PA.	0060	8 15	4 27 35.7			342 18	72 36		845303
30482	LAWTON, OKLA.	0110	8 15	4 27 51			51 01 12	25 25 12		845304
30529	STATE COLLEGE, PA.	0060	8 15	4 27 57.0			0	71		845302
30873	PITTSBURGH, PA.	0059	8 15	4 29 54.8	0 35 48	55 00				845043
10107	JUPITER-BN, FLA.	9010	8 15	4 33 00.47	3 53 30	52 52				434013
10128	SAN FERNANDO-BN, SP.	9004	8 15	4 46 46.70	1 41 48	26 51				434013
10129	SAN FERNANDO-BN, SP.	9004	8 15	4 47 02.70	1 54 54	24 41				434013
10130	SAN FERNANDO-BN, SP.	9004	8 15	4 47 22.70	2 10 54	21 54				434013
10159	MAUI-BN, HAWAII	9012	8 15	6 04 53.54	15 23 12	-38 03				434023
10160	MAUI-BN, HAWAII	9012	8 15	6 09 26.09	17 51 00	- 8 10				434013
30530	SAN JOSE, CAL.	8573	8 15	6 13 07.3	16 46 00	11 30				845042
30270	CHINA LAKE, CAL.	0098	8 15	6 14 49.2			253 06 36	15 55 48		641303
32736	WHITTIER, CAL.	8566	8 15	6 15 05.5			275 00	18 15 00		845303
30130	SACRAMENTO, CAL.	8517	8 15	6 17 30.4	16 33 24	4 30				641013
10161	MAUI-BN, HAWAII	9012	8 15	6 18 50.22	23 21 30	38 23				434013
31244	LAS CRUCES, N.M.	8583	8 15	6 19 53.5	15 37	26 30				845042
30477	SAN DIEGO, CAL.	0133	8 15	6 20 34	16 38	43				845042
30286	SAN JOSE, CAL.	8573	8 15	6 21 08.0	18 33 48	39 42				845042
30900	WALNUT CREEK, CAL.	8556	8 15	6 21 13.1	18 43 00	35 36				845004
32737	WHITTIER, CAL.	8566	8 15	6 22 36.2			332 12	59 27 36		845303
32149	VAN NUYS, CAL.	0113	8 15	6 23 15.2	20 08 09	66 18				845043
52945	SPOKANE, WASH.	8142	8 15	6 23 27.0			180 00	60 59 24		845302
30272	CHINA LAKE, CAL.	0098	8 15	6 23 28.8			0 00	62 33 00		641303
52783	MADISON-P, WISC.	5078	8 15	6 24 00.0	16 53 00	19 39				637007
31245	LAS CRUCES, N.M.	8583	8 15	6 24 02.4	16 35	62 30				845042
31386	SACRAMENTO, CAL.	8517	8 15	6 24 28.5	22 43 54	50 53				641013
30533	EDINBURG, TEX.	0066	8 15	6 24 35.4			326	20 30		845303
30536	MILWAUKEE, WIS.	0074	8 15	6 24 41.0			278 00	24 30		641304
30573	PHOENIX, ARIZ.	8576	8 15	6 25 04.6			0	44 29		845303
30534	EDINBURG, TEX.	0066	8 15	6 25 32.0			333 30	22		845303
30531	SAN JOSE, CAL.	8573	8 15	6 25 59.0	0 34 54	50 00				845042
30699	MANHATTAN, KAN.	0027	8 15	6 26 27	17 40 18	52 08				845042
30266	EDINBURG, TEX.	0066	8 15	6 26 40.4			343 30	22 48		845303
30537	MILWAUKEE, WIS.	0074	8 15	6 27 36.3			289 36	44 54		641304
10108	JUPITER-BN, FLA.	9010	8 15	6 27 46.88	15 41 00	53 38				434013
30532	SAN JOSE, CAL.	8573	8 15	6 28 38.7	2 01 00	39 54				845042
32739	WHITTIER, CAL.	8566	8 15	6 30 09.3			48 41 24	14 11 24		845303
32738	WHITTIER, CAL.	8566	8 15	6 30 20.6			49 04 48	15 03 00		845303
30128	BILOXI, MISS.	0090	8 15	6 30 45			0	27 48		845302
30478	SAN DIEGO, CAL.	0133	8 15	6 30 57	3 10	41 30				845042
30107	MILWAUKEE, WISC.	0074	8 15	6 31 21.2			13 24	68 12		641304
30535	EDINBURG, TEX.	0066	8 15	6 31 23.0			20 30	17 30		845303
30096	CINCINNATI, OHIO	8555	8 15	6 31 52.1			0 00	52 48		845302
30874	PITTSBURGH, PA.	0059	8 15	6 32 25.6	21 31	71 06				845042
30538	MILWAUKEE, WIS.	0074	8 15	6 32 56.0			50 12	56 36		641304
10109	JUPITER-BN, FLA.	9010	8 15	6 33 55.00	6 37 00	8 38				434013
30875	PITTSBURGH, PA.	0059	8 15	6 34 23.4	1 53	63 54				845042
10162	MAUI-BN, HAWAII	9012	8 15	8 15 38.08	15 27 48	54 57				434013
10163	MAUI-BN, HAWAII	9012	8 15	8 17 07.30	16 11 06	69 05				434013
10164	MAUI-BN, HAWAII	9012	8 15	8 19 55.91	23 14 00	81 46				434013
30539	SAN JOSE, CAL.	8573	8 15	8 24 10.7	16 36 00	40 54				845042
30287	SAN JOSE, CAL.	8573	8 15	8 27 59.9	18 22 00	71 12				845042
30131	SACRAMENTO, CAL.	8517	8 15	8 28 19.2			0 00	51 54		641304
30876	VAN NUYS, CAL.	0113	8 15	8 29 07.3	22 42 36	86 34				845043
30574	PHOENIX, ARIZ.	8576	8 15	8 30 36.7			0	35 19		845303

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30540	SAN JOSE, CAL.	8573	8 15	8 32 23.7	3 37 30	49 48				845042
30541	EDINBURG, TEX.	0066	8 15	8 33 35.7			357	22 30		845303
30264	EDINBURG, TEX.	0066	8 15	8 35 43.0			15	24		845303
30542	EDINBURG, TEX.	0066	8 15	8 37 28.1			30	22 50		845303
30097	CINCINNATI, OHIO	8555	8 15	8 38 02.0			22 12	73 12		845302
30543	EDINBURG, TEX.	0066	8 15	8 39 50.8			47 30	18 30		845303
10112	JUPITER-BN, FLA.	9010	8 15	8 40 13.15	3 48 54	71 35				434013
10111	JUPITER-BN, FLA.	9010	8 15	8 42 12.27	4 54 06	52 10				434013
30528	CINCINNATI, OHIO	8555	8 15	8 42 39			100 42	36 48		845302
30898	WALNUT CREEK, CAL.	8556	8 15	8 42 45.2	3 52 00	39 54				845004
10110	JUPITER-BN, FLA.	9010	8 15	8 51 06.40	6 18 48	- 3 12				434013
10101	WOOMERA-BN, AUSTR.	9003	8 15	9 43 45.78	10 13 42	-14 44				434013
30856	ADELAIDE, AUSTR.	8528	8 15	9 48 29.8	12 00	6 15				845042
30277	ADELAIDE, AUSTR.	0600	8 15	9 49 41.6			295 45 00	14 15 00		845302
30210	ADELAIDE, AUSTR.	0600	8 15	9 49 41.8			296	14 00		845302
30211	ADELAIDE, AUSTR.	0600	8 15	9 49 42.5			296	14		845302
30212	ADELAIDE, AUSTR.	0600	8 15	9 50 18.0			300 15 00	13 45 00		845302
30279	ADELAIDE, AUSTR.	0600	8 15	9 50 20.6			300 15 00	14 00		845302
30213	ADELAIDE, AUSTR.	0600	8 15	9 50 22.8			300 00	14 15 00		845302
30282	ADELAIDE, AUSTR.	0600	8 15	9 51 08.1			305 57 00	14 15 00		845302
30214	ADELAIDE, AUSTR.	0600	8 15	9 51 08.1			306 00	14 15 00		845302
30857	ADELAIDE, AUSTR.	8528	8 15	9 51 37.7	13 04	21 18				845042
10102	WOOMERA-BN, AUSTR.	9003	8 15	9 51 42.05	12 55 18	18 17				434013
10103	WOOMERA-BN, AUSTR.	9003	8 15	9 57 52.74	15 19 42	48 12				434013
10143	TOKYO-BN, JAPAN	9005	8 15	10 08 46.10	19 30 54	-19 16				434013
31844	MITAKA, JAPAN	0229	8 15	10 13 29.3			97 12	20 30		845303
31845	MITAKA, JAPAN	0229	8 15	10 14 00.3			93 30	19 18		845302
10144	TOKYO-BN, JAPAN	9005	8 15	10 14 34.50	22 04 48	9 48				434013
31846	MITAKA, JAPAN	0229	8 15	10 14 58.5			87 36	16 42		845302
31847	ASAHIKAWA, JAPAN	0201	8 15	10 16 32.0	22 12	4 36				845002
31848	ASAHIKAWA, JAPAN	0201	8 15	10 18 02.8	22 47 30	8 30				845002
10165	MAUI-BN, HAWAII	9012	8 15	10 25 30.79	11 19 00	81 23				434013
10166	MAUI-BN, HAWAII	9012	8 15	10 27 00.84	6 16 12	76 37				434013
31247	VAN NUYS, CAL.	0113	8 15	10 34 23.4			0 35 24	47 25 48		845303
30544	EDINBURG, TEX.	0066	8 15	10 36 05.2			326 30	22 30		845302
30487	ALBUQUERQUE, N.M.	8579	8 15	10 38 04			0 00	67 00		845302
30545	EDINBURG, TEX.	0066	8 15	10 41 35.4			12 30	54		845303
30265	EDINBURG, TEX.	0066	8 15	10 42 30.6			31	56 30		845303
30546	EDINBURG, TEX.	0066	8 15	10 43 25.6			50 30	55 30		845303
30547	EDINBURG, TEX.	0066	8 15	10 44 45.3			73 15	50		845303
31862	KAGOSHIMA, JAPAN	0218	8 15	12 07 24.0	16 34 00	-10 18				845002
31797	TAIPEI, TAIWAN	0502	8 15	12 08 37.7	19 14 54	21 11				845002
31849	MITAKA, JAPAN	0229	8 15	12 10 02.3			229 12	39 18		845302
10145	TOKYO-BN, JAPAN	9005	8 15	12 10 12.80	16 37 12	- 0 38				434013
30275	TAIPEI, TAIWAN	0502	8 15	12 10 26.5	20 45 48	34 10				845042
31858	KONKO, JAPAN	0224	8 15	12 11 44.8	18 40 00	16 30				845002
31861	MIYAZAKI, JAPAN	0230	8 15	12 12 08.5	19 34 30	29 18				845002
10146	TOKYO-BN, JAPAN	9005	8 15	12 12 47.50	18 03 18	20 26				434013
31864	MIZUSAWA, JAPAN	0267	8 15	12 12 50			212 24	55 30		845302
31798	TAIPEI, TAIWAN	0502	8 15	12 13 01.3	23 01 18	42 51				845002
31855	MUSASHINO, JAPAN	0233	8 15	12 13 42.0			180	85		845302
10147	TOKYO-BN, JAPAN	9005	8 15	12 13 56.90	19 02 24	31 15				434013
30274	MITAKA, JAPAN	0229	8 15	12 13 58.4			180 00	86 00		845302
31856	MUSASHINO, JAPAN	0233	8 15	12 13 59.0			90	84 30		845302
31859	KONKO, JAPAN	0224	8 15	12 14 02.1	20 44 12	33 48				845002
31863	HIGASHIMATSUYAMA, JAP	0210	8 15	12 14 27.8	19 36	34				845002
30273	MITAKA, JAPAN	0229	8 15	12 14 46.8			72 00	80 00		845303
31865	MIZUSAWA, JAPAN	0267	8 15	12 15 00			153 48	76 12		845302
31850	MITAKA, JAPAN	0229	8 15	12 16 48.4			57 42	53 42		845302
31854	SENDAI, JAPAN	0246	8 15	12 17 27.8			69 30	55 18		845302
31857	KANAYA MACHI, JAPAN	0220	8 15	12 17 34	23 18	46				845002
31866	MIZUSAWA, JAPAN	0267	8 15	12 18 00			72 54	50 18		845302
31860	SAPPORO, JAPAN	0245	8 15	12 18 33	22 39	29				845002
31853	ASAHIKAWA, JAPAN	0201	8 15	12 20 49.0	0 06 00	28 48				845002
31867	MIZUSAWA, JAPAN	0267	8 15	12 22 00			63 12	21 30		845302
31851	MITAKA, JAPAN	0229	8 15	12 22 26.9			55 30	14 54		845302
31852	MITAKA, JAPAN	0229	8 15	12 24 53.3			55 30	5 54		845302
31868	MIZUSAWA, JAPAN	0267	8 15	12 26 04			60 42	5 24		845302
10167	MAUI-BN, HAWAII	9012	8 15	12 29 12.21	14 57 30	77 32				434013
10168	MAUI-BN, HAWAII	9012	8 15	12 34 59.62	6 16 00	68 27				434013
31248	VAN NUYS, CAL.	0113	8 15	12 39 04			268 48	65 18		845303
10169	MAUI-BN, HAWAII	9012	8 15	12 39 34.65	6 00 12	35 00				434013
31249	VAN NUYS, CAL.	0113	8 15	12 42 42			177	66		845303
10153	NAINI TAL-BN, INDIA	9006	8 15	14 01 56.25	18 16 18	-28 57				434023
10154	NAINI TAL-BN, INDIA	9006	8 15	14 05 28.48	20 02 24	- 5 20				434013
10155	NAINI TAL-BN, INDIA	9006	8 15	14 08 33.98	21 31 06	12 05				434013
31880	MIYAZAKI, JAPAN	0230	8 15	14 14 26.4	15 54 00	42 42				845002
31869	MITAKA, JAPAN	0229	8 15	14 16 06.5			296 36	32 30		845302
31882	MIZUSAWA, JAPAN	0267	8 15	14 17 50			296 18	44 42		845302
31876	MUSASHINO, JAPAN	0233	8 15	14 17 57.4			315	41		845302
10148	TOKYO-BN, JAPAN	9005	8 15	14 18 03.10	16 47 12	56 08				434013
31870	MITAKA, JAPAN	0229	8 15	14 18 32.3			323 18	44 00		845302
31879	YATSUSHIRO, JAPAN	0272	8 15	14 18 36			0 00	41 00		845302
31881	HIGASHIMATSUYAMA, JAP	0210	8 15	14 18 59	17 20	65				845002
10149	TOKYO-BN, JAPAN	9005	8 15	14 19 45.30	18 16 54	73 10				434013
31871	MITAKA, JAPAN	0229	8 15	14 20 01.5			347 12	46 36		845303
31874	ASAHIKAWA, JAPAN	0201	8 15	14 20 19.2	19 41 00	50 24				845002
31877	MUSASHINO, JAPAN	0233	8 15	14 20 45.0			0 00	46		845302
31883	MIZUSAWA, JAPAN	0267	8 15	14 21 00			355 18	57 48		845302
31872	MITAKA, JAPAN	0229	8 15	14 21 32.7			11 12	43 24		845302
31878	SAPPORO, JAPAN	0245	8 15	14 21 36	22 02	66				845002
31884	MIZUSAWA, JAPAN	0267	8 15	14 24 00			42 30	41 00		845302
31873	MITAKA, JAPAN	0229	8 15	14 24 09.2			37 36	31 06		845302
10150	TOKYO-BN, JAPAN	9005	8 15	14 25 27.40	3 24 00	49 18				434013
31885	MIZUSAWA, JAPAN	0267	8 15	14 28 00			61 12	18 36		845302

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31875	SENDAI, JAPAN	0246	8 15	14 30 17.0			63 30	1 00		845302
31886	MIZUSAWA, JAPAN	0267	8 15	14 32 12			68 42	4 00		845302
10170	MAUI-BN, HAWAII	9012	8 15	14 36 52.24	23 37 12	76 17				434013
10171	MAUI-BN, HAWAII	9012	8 15	14 41 46.59	5 04 00	41 10				434013
10172	MAUI-BN, HAWAII	9012	8 15	14 48 01.31	6 28 24	- 3 56				434013
10185	SHIRAZ-BN, IRAN	9008	8 15	16 02 26.00	18 57 36	-15 32				434013
10186	SHIRAZ-BN, IRAN	9008	8 15	16 04 24.00	20 03 18	- 1 15				434013
10156	NAINI TAL-BN, INDIA	9006	8 15	16 05 19.00	15 41 12	6 20				434013
50231	TASHKENT, USSR	1075	8 15	16 05 35.4	17 53 30	-18 48				845009
10187	SHIRAZ-BN, IRAN	9008	8 15	16 06 36.00	21 12 48	12 00				434013
10157	NAINI TAL-BN, INDIA	9006	8 15	16 09 35.38	18 11 00	49 04				434013
10158	NAINI TAL-BN, INDIA	9006	8 15	16 11 17.22	20 30 00	60 41				434013
50232	TASHKENT, USSR	1075	8 15	16 12 59.0	22 32 30	19 48				845009
31887	MITAKA, JAPAN	0229	8 15	16 20 19.1			308 36	19 30		845302
10151	TOKYO-BN, JAPAN	9005	8 15	16 21 35.90	17 04 12	50 09				434013
31888	MITAKA, JAPAN	0229	8 15	16 23 14.4			326 00	33 00		845302
31895	SAPPORO, JAPAN	0245	8 15	16 23 16	19 00	47				845002
10152	TOKYO-BN, JAPAN	9005	8 15	16 23 35.00	17 45 36	64 44				434013
31896	YATSUSHIRO, JAPAN	0272	8 15	16 24 05			0 00	33 06		845302
31894	MUSASHINO, JAPAN	0233	8 15	16 26 07.2			0 00	45		845302
31889	MITAKA, JAPAN	0229	8 15	16 26 34.3			6 42	44 42		845303
31892	ASAHIKAWA, JAPAN	0201	8 15	16 27 41	0 48 00	51 18				845002
31897	HIGASHIMATSUYAMA,JAP	0210	8 15	16 28 18.0	3 37	63 06				845002
31890	MITAKA, JAPAN	0229	8 15	16 30 47.7			58 42	32 06		845302
31891	MITAKA, JAPAN	0229	8 15	16 34 14.9			76 36	17 06		845302
31893	SENDAI, JAPAN	0246	8 15	16 34 19.4			82 18	20 06		845302
33631	CAPETOWN, S.AFR.	0402	8 15	17 39 05.1			271 42	10 36		845302
33632	CAPETOWN, S.AFR.	0402	8 15	17 40 25.8			280 06	12 42		845302
32920	PRETORIA, S.AFR.	8575	8 15	17 48 38.6			307 24	11 18		845302
32921	PRETORIA, S.AFR.	8575	8 15	17 50 00.5			316 24	10 48		845302
32922	PRETORIA, S.AFR.	8575	8 15	17 51 25.4			324 48	9 12		845302
33021	BANCROFT, N.RH.	0406	8 15	17 52 17.6			311 18	23 48		845304
32150	PRETORIA, S.AFR.	8575	8 15	17 52 34.2			331 36	7 42		845303
33022	BANCROFT, N.RH.	0406	8 15	17 55 06.8			335 36	20 00		845304
33023	BANCROFT, N.RH.	0406	8 15	17 57 21.4			350 06	14 12		845304
51317	ATHENS, GR.	2706	8 15	18 00 01.3			168 36	15 54		637309
51318	ATHENS, GR.	2706	8 15	18 04 18.3			127 48	27 18		637309
51319	ATHENS, GR.	2706	8 15	18 06 25.8			107 12	24 54		637309
10188	SHIRAZ-BN, IRAN	9008	8 15	18 08 59.00	18 28 54	57 35				434013
50233	TASHKENT, USSR	1075	8 15	18 10 00.6	16 54 30	15 30				845009
51321	ATHENS, GR.	2706	8 15	18 10 14.3			81 18	14 18		637309
10189	SHIRAZ-BN, IRAN	9008	8 15	18 10 15.00	20 29 30	65 10				434013
10190	SHIRAZ-BN, IRAN	9008	8 15	18 12 09.00	23 32 00	63 21				434013
50234	TASHKENT, USSR	1075	8 15	18 17 31.9	0 38 00	50 00				845009
51320	ATHENS, GR.	2706	8 15	18 18 27.3			19 30	19 42		637309
31898	MITAKA, JAPAN	0229	8 15	18 26 24.4			306 36	24 30		845302
31906	YATSUSHIRO, JAPAN	0272	8 15	18 29 57			0 00	52 12		845302
31903	ASAHIKAWA, JAPAN	0201	8 15	18 30 06.4	22 52 00	25 18				845002
31905	SAPPORO, JAPAN	0245	8 15	18 30 15	23 05	29				845002
10230	TOKYO-BN, JAPAN	9005	8 15	18 30 17.20	22 24 00	52 05				434013
31899	MITAKA, JAPAN	0229	8 15	18 30 59.5			315 48	62 42		845303
31904	SENDAI, JAPAN	0246	8 15	18 33 09.2			200 00	83 42		845302
31900	MITAKA, JAPAN	0229	8 15	18 33 14.7			63 00	83 06		845302
31907	HIGASHIMATSUYAMA,JAP	0210	8 15	18 33 31.9	2 15	34 36				845002
10231	TOKYO-BN, JAPAN	9005	8 15	18 35 21.60	3 24 06	19 09				434013
31901	MITAKA, JAPAN	0229	8 15	18 35 45.5			115 12	54 54		845302
10232	TOKYO-BN, JAPAN	9005	8 15	18 40 05.30	5 01 12	- 9 32				434013
31902	MITAKA, JAPAN	0229	8 15	18 40 41.9			121 48	20 00		845302
51322	ATHENS, GR.	2706	8 15	19 58 46.4			233 24	9 06		637309
50180	MEUDON, FRANCE	2715	8 15	20 01 47.2			169 21	14 44		637109
50181	MEUDON, FRANCE	2715	8 15	20 02 04.5			167 39	15 32		637109
50182	MEUDON, FRANCE	2715	8 15	20 03 00.5			161 36	17 53		637109
51323	ATHENS, GR.	2706	8 15	20 03 06.9			232 18	34 12		637309
50183	MEUDON, FRANCE	2715	8 15	20 04 04.5			153 47	20 12		637109
50184	MEUDON, FRANCE	2715	8 15	20 05 01.0			146 09	21 43		637109
50185	MEUDON, FRANCE	2715	8 15	20 06 12.9			135 44	22 52		637109
50186	MEUDON, FRANCE	2715	8 15	20 07 04.5			128 02	22 55		637109
30575	BERLIN, GER.	0700	8 15	20 07 32.0			156 06	26 18		845303
51324	ATHENS, GR.	2706	8 15	20 07 50.9			206 54	81 42		637309
50152	EL GULEA, ALG.	6411	8 15	20 07 55.0			71 54	37 30		845309
30576	BERLIN, GER.	0700	8 15	20 07 55.7			152 24	27 36		845302
50187	MEUDON, FRANCE	2715	8 15	20 08 12.3			118 08	22 05		637109
50153	EL GULEA, ALG.	6411	8 15	20 08 15.0			64 42	28 54		845309
30577	BERLIN, GER.	0700	8 15	20 08 17.3			148 54	27 30		845302
30578	BERLIN, GER.	0700	8 15	20 08 38.3			145 18	27 54		845302
50188	MEUDON, FRANCE	2715	8 15	20 09 08.5			110 25	20 41		637109
30579	BERLIN, GER.	0700	8 15	20 09 10.9			139 54	28 06		845302
30580	BERLIN, GER.	0700	8 15	20 09 45.1			134 00	28 06		845303
50154	EL GULEA, ALG.	6411	8 15	20 09 50.0			59 42	21 00		845309
30581	BERLIN, GER.	0700	8 15	20 10 08.9			130 06	27 48		845302
30582	BERLIN, GER.	0700	8 15	20 10 43.6			124 12	27 12		845302
50189	MEUDON, FRANCE	2715	8 15	20 10 45.6			98 47	17 16		637109
50155	EL GULEA, ALG.	6411	8 15	20 11 00.0			57 00	15 30		845309
50190	MEUDON, FRANCE	2715	8 15	20 11 03.5			96 55	16 33		637109
50226	KIEV, USSR	1070	8 15	20 11 20.2	20 38 24	11 06				845009
51325	ATHENS, GR.	2706	8 15	20 11 37.4			61 12	47 36		637309
10191	SHIRAZ-BN, IRAN	9008	8 15	20 12 07.00	15 26 30	55 23				434013
50156	EL GULEA, ALG.	6411	8 15	20 12 10.0			54 48	11 12		845309
51372	KHANIA, CRETE	8112	8 15	20 12 23	18 37	38 00				845009
50191	MEUDON, FRANCE	2715	8 15	20 12 34.3			88 27	12 37		637109
50157	EL GULEA, ALG.	6411	8 15	20 13 00.0			53 24	7 36		845309
50192	MEUDON, FRANCE	2715	8 15	20 13 08.1			85 45	11 06		637109
51373	KHANIA, CRETE	8112	8 15	20 15 06	1 40	40 00				845009
50235	TASHKENT, USSR	1075	8 15	20 15 29.0	17 22 00	38 42				845009
51326	ATHENS, GR.	2706	8 15	20 15 45.4			59 18	18 36		637309

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10192	SHIRAZ-BN, IRAN	9008	8 15	20 15 51.00	15 28 00	79 13				434013
10193	SHIRAZ-BN, IRAN	9008	8 15	20 17 55.00	4 08 00	74 16				434013
51327	ATHENS, GR.	2706	8 15	20 18 32.9			59 18	7 30		637309
50236	TASHKENT, USSR	1075	8 15	20 23 36.8	3 07 00	44 48				845009
50193	MEUDON, FRANCE	2715	8 15	22 03 34.8			222 23	20 15		637109
50194	MEUDON, FRANCE	2715	8 15	22 04 14.7			220 24	23 40		637109
50158	EL GULEA, ALG.	6411	8 15	22 05 00.0			280 12	34 30		845309
50195	MEUDON, FRANCE	2715	8 15	22 05 09.3			216 55	28 43		637109
10131	SAN FERNANDO-BN, SP.	9004	8 15	22 06 03.90	18 59 36	37 01				434013
50196	MEUDON, FRANCE	2715	8 15	22 06 04.6			212 13	34 34		637109
10132	SAN FERNANDO-BN, SP.	9004	8 15	22 06 11.90	19 07 48	38 09				434013
10133	SAN FERNANDO-BN, SP.	9004	8 15	22 06 19.90	19 16 35	39 16				434013
50159	EL GULEA, ALG.	6411	8 15	22 07 00.0			305 06	45 00		845309
50197	MEUDON, FRANCE	2715	8 15	22 07 19.4			202 32	43 09		637109
50198	MEUDON, FRANCE	2715	8 15	22 08 18.5			190 35	50 01		637109
50160	EL GULEA, ALG.	6411	8 15	22 09 00.0			337 18	47 36		845309
52998	BRNO, CZECH.	2720	8 15	22 09 01.7	18 05 30	10 00				737041
50199	MEUDON, FRANCE	2715	8 15	22 09 13.5			174 09	55 10		637109
30701	GLASGOW, SCOT.	0651	8 15	22 09 33.2			152 36	32 18		845302
51328	ATHENS, GR.	2706	8 15	22 10 12.5			295 00	35 00		637309
50200	MEUDON, FRANCE	2715	8 15	22 10 13.1			151 16	57 19		637109
50217	RIGA, USSR	1040	8 15	22 10 13.2	18 44	0 30				845009
50218	RIGA, USSR	1040	8 15	22 10 20.2	18 48	0 42				845009
30702	GLASGOW, SCOT.	0651	8 15	22 10 55.8			139 36	31 30		845302
50161	EL GULEA, ALG.	6411	8 15	22 11 00.0			7 12	40 24		845309
52999	BRNO, CZECH.	2720	8 15	22 11 03	20 10 30	26 18				839041
50201	MEUDON, FRANCE	2715	8 15	22 11 09.00			130 00	55 06		637109
50219	RIGA, USSR	1040	8 15	22 11 44.8	19 29	5 00				845009
50202	MEUDON, FRANCE	2715	8 15	22 12 08.2			112 48	49 36		637109
50220	RIGA, USSR	1040	8 15	22 12 18.2	19 48 24	6 06				845009
50162	EL GULEA, ALG.	6411	8 15	22 13 00.0			24 30	29 54		845309
30590	BERLIN, GER.	0700	8 15	22 13 32.8			146 18	54 30		845303
53000	BRNO, CZECH.	2720	8 15	22 13 36.7	21 49 30	32 12				737041
50203	MEUDON, FRANCE	2715	8 15	22 13 44.3			96 09	38 36		637109
51329	ATHENS, GR.	2706	8 15	22 13 53.5			346 18	52 00		637309
50204	MEUDON, FRANCE	2715	8 15	22 14 02.7			94 03	36 35		637109
30591	BERLIN, GER.	0700	8 15	22 14 03.5			136 06	52 36		845302
30592	BERLIN, GER.	0700	8 15	22 14 55.0			122 24	48 00		845302
50163	EL GULEA, ALG.	6411	8 15	22 15 00.0			34 24	20 00		845309
50205	MEUDON, FRANCE	2715	8 15	22 15 30.5			86 35	27 42		637109
30593	BERLIN, GER.	0700	8 15	22 15 39.1			113 54	43 24		845302
50206	MEUDON, FRANCE	2715	8 15	22 16 05.3			84 33	24 35		637109
30594	BERLIN, GER.	0700	8 15	22 16 09.8			109 06	40 00		845302
51374	KHANIA, CRETE	8112	8 15	22 16 36	2 30	68 00				845009
30595	BERLIN, GER.	0700	8 15	22 16 51.2			103 54	35 30		845302
50164	EL GULEA, ALG.	6411	8 15	22 17 00.0			40 30	12 18		845309
50207	MEUDON, FRANCE	2715	8 15	22 17 01.0			81 54	20 01		637109
51330	ATHENS, GR.	2706	8 15	22 17 53.5			53 06	35 06		637309
50208	MEUDON, FRANCE	2715	8 15	22 18 03.4			79 35	15 27		637109
53001	BRNO, CZECH.	2720	8 15	22 19 39.7	2 11 02	20 32				734042
50237	TASHKENT, USSR	1075	8 15	22 19 39.9	18 51 00	36 12				845009
51375	KHANIA, CRETE	8112	8 15	22 19 44	3 25	47 00				845009
51331	ATHENS, GR.	2706	8 15	22 21 21.0			59 30	17 54		637309
51332	ATHENS, GR.	2706	8 15	22 24 41.0			67 00	6 06		637309
50238	TASHKENT, USSR	1075	8 15	22 27 45.0	2 26 00	29 42				845009
10176	NAINI TAL-BN, INDIA	9006	8 15	22 28 21.61	0 08 18	67 23				434013
10177	NAINI TAL-BN, INDIA	9006	8 15	22 30 15.70	3 28 36	46 53				434013
50239	TASHKENT, USSR	1075	8 15	22 30 51.3	3 56 48	7 30				845009
10178	NAINI TAL-BN, INDIA	9006	8 15	22 31 03.73	2 48 06	54 48				434013
10205	VILLA DOLORES-BN,ARG	9011	8 15	23 35 05.75	11 10 12	5 02				434013
10182	AREQUIPA-BN, PERU	9007	8 15	23 35 29.55	10 42 30	-25 21				434023
10206	VILLA DOLORES-BN,ARG	9011	8 15	23 37 18.58	11 51 48	7 38				434013
33911	SAN JUAN, ARG.	0812	8 15	23 38 41.3	12 30 36	14 18				845042
10207	VILLA DOLORES-BN,ARG	9011	8 15	23 39 40.91	12 34 00	18 42				434013
33912	SAN JUAN, ARG.	0812	8 15	23 40 12.0	12 58 18	21 54				845042
10194	CURACAO-BN, N.W.I.	9009	8 15	23 43 14.73	13 06 42	-46 47				434023
10208	VILLA DOLORES-BN,ARG	9011	8 15	23 43 16.55	13 41 24	36 07				434013
10183	AREQUIPA-BN, PERU	9007	8 15	23 43 19.61	13 37 42	18 02				434013
33913	SAN JUAN, ARG.	0812	8 15	23 43 47.0	14 14 30	40 00				845042
10209	VILLA DOLORES-BN,ARG	9011	8 15	23 44 19.87	14 02 18	40 57				434013
33914	SAN JUAN, ARG.	0812	8 15	23 45 23.0	14 46 42	46 36				845042
10184	AREQUIPA-BN, PERU	9007	8 15	23 48 47.70	16 27 54	53 58				434013
10195	CURACAO-BN, N.W.I.	9009	8 15	23 51 04.12	17 09 42	0 59				434013
10196	CURACAO-BN, N.W.I.	9009	8 15	23 59 34.50	22 21 48	44 44				434013
50165	EL GULEA, ALG.	6411	8 16	0 13 00.0			326 36	14 42		845309
51333	ATHENS, GR.	2706	8 16	0 14 03.6			304 36	21 36		637309
50221	RIGA, USSR	1040	8 16	0 14 20.4	19 44	10 24				845009
50166	EL GULEA, ALG.	6411	8 16	0 15 00.0			345 36	28 12		845309
10134	SAN FERNANDO-BN, SP.	9004	8 16	0 15 10.20	2 35 30	64 30				434013
10135	SAN FERNANDO-BN, SP.	9004	8 16	0 15 18.20	2 40 00	63 25				434013
10136	SAN FERNANDO-BN, SP.	9004	8 16	0 15 26.20	2 44 42	62 20				434013
53002	BRNO, CZECH.	2720	8 16	0 15 34.7	19 23	29 30				843040
50167	EL GULEA, ALG.	6411	8 16	0 17 00.0			5 42	28 00		845309
53003	BRNO, CZECH.	2720	8 16	0 17 20	20 45	36 12				943040
51334	ATHENS, GR.	2706	8 16	0 17 43.6			326 48	42 42		637309
53004	BRNO, CZECH.	2720	8 16	0 17 45	21 18	38				945040
50168	EL GULEA, ALG.	6411	8 16	0 19 00.0			23 48	24 06		845309
50222	RIGA, USSR	1040	8 16	0 19 19.2	23 04 12	11 54				845009
53005	BRNO, CZECH.	2720	8 16	0 19 34.6	0 35	32 42				843040
51335	ATHENS, GR.	2706	8 16	0 20 49.1			19 00	54 42		637309
50169	EL GULEA, ALG.	6411	8 16	0 21 00.0			37 18	18 30		845309
53006	BRNO, CZECH.	2720	8 16	0 21 30	2 02	22 30				943040
50227	NIKOLAEV, USSR	1077	8 16	0 22 13.4	0 18 12	32 42				845009
50223	RIGA, USSR	1040	8 16	0 22 50.6	1 23	3 48				845009

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50170	EL GULEA, ALG.	6411	8 16	0 23 00.0			47 30	12 42		845309
50224	RIGA, USSR	1040	8 16	0 23 05.5	1 30	2 12				845009
50171	EL GULEA, ALG.	6411	8 16	0 25 00.0			55 00	7 00		845309
50228	NIKOLAEV, USSR	1077	8 16	0 25 09.9	2 31 24	15 00				845009
51336	ATHENS, GR.	2706	8 16	0 25 50.1			78 00	29 18		637309
50172	EL GULEA, ALG.	6411	8 16	0 26 00.0			58 30	4 30		845309
50229	NIKOLAEV, USSR	1077	8 16	0 28 32.9	3 48 24	- 0 36				845009
51337	ATHENS, GR.	2706	8 16	0 30 09.6			91 00	10 24		637309
50230	NIKOLAEV, USSR	1077	8 16	0 32 38.3	4 29 30	-10 06				845009
30990	EDINBURG, TEX.	0066	8 16	1 09 47.0			133 15	36 30		845303
30866	PUEBLA, MEX.	0900	8 16	1 46 24.0	14 53 12	-42 44				845042
30284	PUEBLA, MEXICO	0900	8 16	1 50 13.5	17 56 18	-15 22				845042
30596	EDINBURG, TEX.	0066	8 16	1 51 36.7			156 30	38 15		845303
30600	MILWAUKEE, WIS.	0074	8 16	1 51 37.2			190 06	8 24		641302
30605	W. PALM BEACH, FLA.	0016	8 16	1 52 09			230	30 30		845303
30597	EDINBURG, TEX.	0066	8 16	1 52 21.1			147	40 45		845303
30598	EDINBURG, TEX.	0066	8 16	1 54 21.6			117	41 30		845303
30599	EDINBURG, TEX.	0066	8 16	1 55 15.2			104 30	39		845303
10197	JUPITER-BN, FLA.	9010	8 16	1 56 10.15	17 52 24	25 04				434013
30488	ROCHESTER, N.Y.	8585	8 16	1 58 07.4	18 14 48	-14 00				845032
30601	MILWAUKEE, WIS.	0074	8 16	1 58 29.4			145 06	29 00		641302
30606	W. PALM BEACH, FLA.	0016	8 16	1 58 38			39	70 30		845303
30610	SAN ANTONIO, TEX.	0096	8 16	1 58 49.2	21 50 00	16 50				845042
30613	TERRE HAUTE, IND.	8127	8 16	1 59 00.8			132	37 10		845302
30901	CINCINNATI, OHIO	8555	8 16	1 59 17.2			137 18	43 30		845302
30906	PITTSBURGH, PA.	8571	8 16	1 59 21.0	19 57 24	3 48				845042
30490	CHICAGO, ILL.	0020	8 16	1 59 23.5			135 00 00	31 30		845302
30877	EVANSTON, ILL.	0149	8 16	1 59 50.3	20 28 12	- 1 38				845022
30907	PITTSBURGH, PA.	8571	8 16	2 00 39.2	20 36 54	9 54				845042
30495	ROCHESTER, N.Y.	8564	8 16	2 00 52.6	19 48 30	0 36				845033
30616	STATE COLLEGE, PA.	0060	8 16	2 00 55.8			140 12	50 42		845303
10198	JUPITER-BN, FLA.	9010	8 16	2 01 21.10	22 04 00	49 17				434013
30602	MILWAUKEE, WIS.	0074	8 16	2 01 55.8			108 54	27 18		641302
30607	W. PALM BEACH, FLA.	0016	8 16	2 02 05			45	34		845303
30908	PITTSBURGH, PA.	0059	8 16	2 02 41	21 40 00	17 48				845042
30267	ROANOKE, VA.	0073	8 16	2 02 52	20 48 28	8				845002
30497	COLUMBUS, OHIO	0051	8 16	2 03 30.3			90	31 42		845303
30491	CHICAGO, ILL.	0020	8 16	2 03 55.5	22 41	14 10				845042
30603	MILWAUKEE, WIS.	0074	8 16	2 04 43.4			87 54	18 42		641302
30492	CHICAGO, ILL.	0020	8 16	2 04 48.2	23 05	16 00				845042
30608	W. PALM BEACH, FLA.	0016	8 16	2 04 55			47	23		845303
30604	MILWAUKEE, WIS.	0074	8 16	2 07 17.7			76 06	10 36		641302
30609	W. PALM BEACH, FLA.	0016	8 16	2 07 32			47 30	7 30		845303
51338	ATHENS, GR.	2706	8 16	2 16 28.7			300 18	9 48		637309
10137	SAN FERNANDO-BN, SP.	9004	8 16	2 18 47.40	1 22 42	73 54				434013
10138	SAN FERNANDO-BN, SP.	9004	8 16	2 18 55.46	1 38 48	72 53				434013
10139	SAN FERNANDO-BN, SP.	9004	8 16	2 19 03.40	1 53 48	71 48				434013
51339	ATHENS, GR.	2706	8 16	2 19 44.2			298 24	24 30		637309
50173	EL GULEA, ALG.	6411	8 16	2 22 00.0			1 12	37 54		845309
50174	EL GULEA, ALG.	6411	8 16	2 24 00.0			26 30	39 30		845309
51340	ATHENS, GR.	2706	8 16	2 24 16.2			285 00	61 30		637309
50175	EL GULEA, ALG.	6411	8 16	2 26 00.0			50 30	34 36		845309
51341	ATHENS, GR.	2706	8 16	2 26 58.7			175 18	75 06		637309
50176	EL GULEA, ALG.	6411	8 16	2 27 00.0			66 42	27 00		845309
50177	EL GULEA, ALG.	6411	8 16	2 30 00.0			77 36	19 00		845309
51342	ATHENS, GR.	2706	8 16	2 31 22.7			135 54	34 06		637309
50178	EL GULEA, ALG.	6411	8 16	2 32 00.0			84 42	12 12		845309
50179	EL GULEA, ALG.	6411	8 16	2 34 00.0			90 06	6 06		845309
51343	ATHENS, GR.	2706	8 16	2 37 46.7			131 24	5 12		637309
31250	LAS CRUCES, N.M.	8583	8 16	3 36 35.8	19 30 30	44 18				845041
30617	CHINA LAKE, CAL.	0098	8 16	3 52 23.6			180 00 00	30 40 12		641303
30295	SAN JOSE, CAL.	8573	8 16	3 52 39.4	18 26 00	-27 18				845042
30622	MILWAUKEE, WIS.	0074	8 16	3 53 31.7			236 24	6 18		641302
30618	CHINA LAKE, CAL.	0098	8 16	3 53 44.3			167 18 00	37 32 24		641303
30627	SANTA MONICA, CAL.	0143	8 16	3 54 18			152 00	46 30		845302
50144	MANHATTAN, KAN.	8110	8 16	3 55 07.1	16 11 04	-11 42				845009
30867	PUEBLA, MEX.	0900	8 16	3 55 26.0	14 56 48	39 52				845042
32740	WHITTIER, CAL.	8566	8 16	3 55 42.3			132	47 14 24		845303
30628	SAN DIEGO, CAL.	0133	8 16	3 56 01	19 50	8				845042
30868	PUEBLA, MEX.	0900	8 16	3 56 12.0	15 10 12	47 15				845044
30629	SAN ANTONIO, TEX.	8543	8 16	3 56 46			269	44		845302
50145	MANHATTAN, KAN.	8110	8 16	3 56 56.75	16 44 36	- 2 43				845009
30634	EDINBURG, TEX.	0066	8 16	3 57 02.5			266	34 45		845303
30639	ALBUQUERQUE, N.M.	8579	8 16	3 57 07.8			180 00	65 30		845303
30611	SAN ANTONIO, TEX.	0096	8 16	3 57 27.7	16 37 30	32 20				845042
30642	DENVER, COLO.	8582	8 16	3 57 45.0			159 45 00	58 15 00		845303
31762	SACRAMENTO, CAL.	8517	8 16	3 57 45.2	20 55 30	2 48				641013
30623	MILWAUKEE, WIS.	0074	8 16	3 57 51.8			234 06	26 12		641302
31409	SAN ANTONIO, TEX.	0096	8 16	3 58 14.0	17 09	40 50				845042
30630	SAN ANTONIO, TEX.	8543	8 16	3 58 15.5			301	65		845302
30635	EDINBURG, TEX.	0066	8 16	3 58 18.4			297	51 30		845303
30646	ALBUQUERQUE HS, N.M.	0041	8 16	3 58 19	19 23	19				845002
30647	W. PALM BEACH, FLA.	0016	8 16	3 58 19			291	19		845303
30636	EDINBURG, TEX.	0066	8 16	3 58 25.7			323 15	55		845303
30555	SAN JOSE, CAL.	8573	8 16	3 58 54.6	21 42	10 54				845042
30612	SAN ANTONIO, TEX.	0096	8 16	3 59 16.9	18 04	52 20				845042
30909	PUEBLA, MEX.	0900	8 16	3 59 24.1	17 14 18	76 30				845044
30637	EDINBURG, TEX.	0066	8 16	4 00 08.5			359	48 30		845303
30631	SAN ANTONIO, TEX.	8543	8 16	4 00 23			4	58		845302
30648	W. PALM BEACH, FLA.	0016	8 16	4 00 26			307	26		845303
30652	WICHITA, KAN.	0028	8 16	4 00 30.5	19 09 21	30 21				845043
50146	MANHATTAN, KAN.	8110	8 16	4 01 09.9	19 37 53	29 39				845009
30910	PUEBLA, MEX.	0900	8 16	4 01 11.9	22 43 18	81 10				845042
30632	SAN ANTONIO, TEX.	8543	8 16	4 01 16.5			16	50		845302
30643	DENVER, COLO.	8582	8 16	4 01 18.0			100 45 00	52 45 00		845303

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30638	EDINBURG, TEX.	0066	8 16	4 02 14.8			21	35		845303
30624	MILWAUKEE, WIS.	0074	8 16	4 02 45.0			206 18	72 30		641302
50209	ST. LOUIS-P, MO.	5082	8 16	4 03 15.0	20 22 30	47 06				637007
30902	CINCINNATI, OHIO	8555	8 16	4 03 17.6			294 06	73 24		845302
30493	CHICAGO, ILL.	0020	8 16	4 03 33.6	19 54 30	36 35				845042
30494	CHICAGO, ILL.	0020	8 16	4 03 36.8	19 59	37 00				845042
30614	TERRE HAUTE, IND.	8127	8 16	4 03 40.8			9 45	81 00		845302
30633	SAN ANTONIO, TEX.	8543	8 16	4 03 49.75			34	31		845302
52756	CHICAGO-P, ILL.	5074	8 16	4 03 55.0	20 21 00	40 00				637007
52784	MADISON-P, WISC.	5078	8 16	4 04 20.0	21 10 48	36 06				637007
52744	ROCHESTER-P, N.Y.	5050	8 16	4 04 21.4	18 28	33 48				637007
30649	W. PALM BEACH, FLA.	0016	8 16	4 04 25			347	30		845303
30615	TERRE HAUTE, IND.	8127	8 16	4 05 16.4			49 45	61 45		845303
52745	ROCHESTER-P, N.Y.	5050	8 16	4 05 38.4	19 45	44 15				637007
30496	ROCHESTER, N.Y.	8564	8 16	4 05 44.6	19 45 42	44 30				845033
52785	MADISON-P, WISC.	5078	8 16	4 06 08.4	23 06 54	38 48				637007
50147	MANHATTAN, KAN.	8110	8 16	4 06 10.35	0 19 41	38 32				845009
30653	WICHITA, KAN.	0028	8 16	4 06 18.0	0 38 08	39 57				845043
30489	ROCHESTER, N.Y.	8585	8 16	4 06 29.8	21 01 12	49 45				845032
10199	JUPITER-BN, FLA.	9010	8 16	4 07 03.52	2 47 18	78 16				434013
30620	CHINA LAKE, CAL.	0098	8 16	4 07 47.0			59 27 00	1 45 00		641303
30625	MILWAUKEE, WIS.	0074	8 16	4 09 44.6			68 48	26 18		641302
30903	CINCINNATI, OHIO	0050	8 16	4 10 12.5			57 48	25 00		845302
30650	W. PALM BEACH, FLA.	0016	8 16	4 10 39			33	12		845303
30651	W. PALM BEACH, FLA.	0016	8 16	4 11 50			37	9		845303
30626	MILWAUKEE, WIS.	0074	8 16	4 14 29.9			66 36	5 42		641302
10140	SAN FERNANDO-BN, SP.	9004	8 16	4 24 28.00	0 59 42	33 55				434013
10141	SAN FERNANDO-BN, SP.	9004	8 16	4 24 52.00	1 22 12	30 53				434013
10142	SAN FERNANDO-BN, SP.	9004	8 16	4 25 08.00	1 36 24	28 34				434013
10210	MAUI-BN, HAWAII	9012	8 16	5 47 56.23	17 15 30	-18 13				434013
10211	MAUI-BN, HAWAII	9012	8 16	5 48 37.85	18 19 54	- 2 28				434013
32741	WHITTIER, CAL.	8566	8 16	5 52 25.4			253 15 00	14 24 36		845303
10212	MAUI-BN, HAWAII	9012	8 16	5 56 37.94	22 51 30	36 32				434013
30296	SAN JOSE, CAL.	8573	8 16	5 59 35.8	18 35 30	38 20				845004
30913	WALNUT CREEK, CAL.	8556	8 16	5 59 41.7	18 46 00	37 03				845003
32742	WHITTIER, CAL.	8566	8 16	6 00 38.6			336 06	61 30		845303
30619	CHINA LAKE, CAL.	0098	8 16	6 01 42.2			0 00	64 51 00		641303
30703	MILWAUKEE, WIS.	0074	8 16	6 01 45.2			274 24	18 24		641302
30654	EDINBURG, TEX.	0066	8 16	6 02 02.7			319 30	19 30		845303
31763	SACRAMENTO, CAL.	8517	8 16	6 02 22.9	21 58 00	49 04				641013
52823	MEANOOK-P, CANADA	5450	8 16	6 02 32.8	19 52 48	2 36				637007
30655	EDINBURG, TEX.	0066	8 16	6 02 36.4			323 30	20 45		845303
30911	PUEBLA, MEX.	0900	8 16	6 02 42.1	14 18 30	62 50				845044
30704	MILWAUKEE, WIS.	0074	8 16	6 03 38.7			278 36	28 36		641302
30912	PUEBLA, MEX.	0900	8 16	6 03 45.3	13 59 00	68 52				845042
30656	EDINBURG, TEX.	0066	8 16	6 04 05.9			336	22 45		845303
31251	VAN NUYS, CAL.	0113	8 16	6 04 06.9	0 21 10	61 39				845003
30705	MILWAUKEE, WIS.	0074	8 16	6 04 25.6			6 00	68 54		641302
30918	PUEBLA, MEX.	0900	8 16	6 04 48.5	13 23 36	75 10				845044
32743	WHITTIER, CAL.	8566	8 16	6 05 04.7			33 10 12	38 36		845303
30657	EDINBURG, TEX.	0066	8 16	6 05 10.1			345 20	23 24		845303
30556	SAN JOSE, CAL.	8573	8 16	6 05 55.0	0 34 37	47 39				845002
52786	MADISON-P, WISC.	5078	8 16	6 06 35.5	18 23 42	48 00				637007
30557	SAN JOSE, CAL.	8573	8 16	6 06 59.2	1 43 00	39 54				845042
30659	WICHITA, KAN.	0028	8 16	6 07 02.2	21 04 55	76 16				845043
30644	DENVER, COLO.	8582	8 16	6 07 03.5			36 30 00	51 15 00		845303
30660	WICHITA, KAN.	0028	8 16	6 07 04.8	21 14 17	76 27				845043
30658	EDINBURG, TEX.	0066	8 16	6 07 25.0			4 30	21 45		845303
50148	MANHATTAN, KAN.	8110	8 16	6 07 29.05	21 58 32	72 56				845009
10200	JUPITER-BN, FLA.	9010	8 16	6 07 35.81	15 20 30	63 09				434013
30700	MANHATTAN, KAN.	0027	8 16	6 08 41	19 50	70 05				845042
30914	WALNUT CREEK, CAL.	8556	8 16	6 08 49.0	2 14 00	33 36				845003
30645	DENVER, COLO.	8582	8 16	6 10 22.75			55 15 00	27 00 00		845303
30904	CINCINNATI, OHIO	0050	8 16	6 10 41.5			11	52		845302
10201	JUPITER-BN, FLA.	9010	8 16	6 11 35.81	7 55 00	83 55				434013
50149	MANHATTAN, KAN.	8110	8 16	6 12 19.9	3 11 37	42 19				845009
30706	DAYTON, OHIO	8557	8 16	6 15 21.4			64 06	28 36		845302
50150	MANHATTAN, KAN.	8110	8 16	6 16 58.9	4 01 44	21 56				845009
10213	MAUI-BN, HAWAII	9012	8 16	7 53 05.13	15 06 00	45 50				434013
52946	SPOKANE, WASH.	8142	8 16	7 55 29.6	21 35 58	45 04				845002
10214	MAUI-BN, HAWAII	9012	8 16	7 56 27.43	17 26 00	77 08				434013
10215	MAUI-BN, HAWAII	9012	8 16	8 02 16.80	2 12 30	60 47				434013
30558	SAN JOSE, CAL.	8573	8 16	8 02 25.7	16 32 44	44 31				845002
30559	SAN JOSE, CAL.	8573	8 16	8 05 28.9	18 21 48	72 12				845002
30707	MILWAUKEE, WIS.	0074	8 16	8 06 06.1			290 42	13 18		641302
31764	SACRAMENTO, CAL.	8517	8 16	8 06 36.1			0 00	52 13		641304
31252	VAN NUYS, CAL.	0113	8 16	8 07 24.9			1 08 24	37 36		845303
52947	SPOKANE, WASH.	8142	8 16	8 07 32.0	21 49 02	45 27				845002
30621	CHINA LAKE, CAL.	0098	8 16	8 07 34.3			0 00	41 28 12		641303
31765	SACRAMENTO, CAL.	8517	8 16	8 07 39.1	0 37 54	72 19				641013
52824	MEANOOK-P, CANADA	5450	8 16	8 08 08.9	21 44 48	20 48				637007
52825	MEANOOK-P, CANADA	5450	8 16	8 08 09.3	21 49 42	20 54				637007
30297	SAN JOSE, CAL.	8573	8 16	8 08 33.2	2 24 54	67 11				845044
30708	MILWAUKEE, WIS.	0074	8 16	8 08 34.6			292 24	25 24		641302
30640	ALBUQUERQUE, N.M.	8579	8 16	8 10 10.7			0 00	40		845302
30919	PUEBLA, MEX.	0900	8 16	8 10 23.6	14 24 54	75 49				845042
30661	EDINBURG, TEX.	0066	8 16	8 10 47			349	20 15		845303
30920	PUEBLA, MEX.	0900	8 16	8 11 00.6	13 45 30	78 32				845042
30662	EDINBURG, TEX.	0066	8 16	8 11 30			359 30	21 30		845303
30711	DAYTON, OHIO	8557	8 16	8 12 36.6			309 33	44 27		845302
30663	EDINBURG, TEX.	0066	8 16	8 13 29.6			11	23 30		845303
30664	EDINBURG, TEX.	0066	8 16	8 13 55.4			14 30	23 20		845303
30905	CINCINNATI, OHIO	0050	8 16	8 14 44			333 54	62 12		845302
30665	EDINBURG, TEX.	0066	8 16	8 15 10.3			25	22 45		845303
30709	MILWAUKEE, WIS.	0074	8 16	8 16 56.8			97 24	62 06		641302

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30921	PUEBLA, MEX.	0900	8 16	8 17 06.3	7 11 54	59 43				845042
30712	DAYTON, OHIO	8557	8 16	8 19 08.8			92 51	51 27		845302
30288	ROANOKE, VA.	0073	8 16	8 19 10	2 19 10	51 15				845002
10203	JUPITER-BN, FLA.	9010	8 16	8 19 56.89	4 35 54	58 27				434013
50151	MANHATTAN, KAN.	8110	8 16	8 21 05.2	4 42 27	11 20				845009
30710	MILWAUKEE, WIS.	0074	8 16	8 22 57.8			107 54	17 42		641302
10173	WOOMERA-BN, AUSTR.	9003	8 16	9 22 11.99	9 57 54	-15 39				434013
31256	ADELAIDE, AUSTR.	0600	8 16	9 25 35.7			279 15	12 15		845302
31253	ADELAIDE, AUSTR.	0600	8 16	9 28 22.4			298 00	14 15		845302
31254	ADELAIDE, AUSTR.	0600	8 16	9 28 24.4			298 30	15 00		845302
31255	ADELAIDE, AUSTR.	0600	8 16	9 28 26.7			298 45	15 00		845302
31259	ADELAIDE, AUSTR.	8528	8 16	9 29 40.9	12 45	19 18				845042
10174	WOOMERA-BN, AUSTR.	9003	8 16	9 29 56.17	12 39 42	16 28				434013
31257	ADELAIDE, AUSTR.	0600	8 16	9 29 58.2			309 45	15 00		845302
31260	ADELAIDE, AUSTR.	8528	8 16	9 32 44	13 51 30	34 12				845042
31258	ADELAIDE, AUSTR.	8528	8 16	9 33 54.4	14 18 42	39 24				845042
31261	TOWNSVILLE, AUSTR.	8578	8 16	9 34 34.5			299 59	18 57		845302
31262	TOWNSVILLE, AUSTR.	8578	8 16	9 34 36.2			300 06	19 04		845302
31263	TOWNSVILLE, AUSTR.	8578	8 16	9 34 38.8			300 13	19 22		845302
10175	WOOMERA-BN, AUSTR.	9003	8 16	9 37 45.80	15 50 36	52 47				434013
31908	MITAKA, JAPAN	0229	8 16	9 47 15.9			137 24	22 54		845303
31909	MITAKA, JAPAN	0229	8 16	9 48 14.2			128 36	23 30		845303
31910	MITAKA, JAPAN	0229	8 16	9 49 02.7			121 12	23 30		845303
31911	MITAKA, JAPAN	0229	8 16	9 50 00.5			112 36	22 36		845303
52826	MEANOOK-P, CANADA	5450	8 16	10 08 54.1	20 35 30	14 54				637007
30641	ALBUQUERQUE, N.M.	8579	8 16	10 16 12.0			0 00	64 24		845303
30671	EDINBURG, TEX.	0066	8 16	10 19 09.4			3 45	48 30		845303
30672	EDINBURG, TEX.	0066	8 16	10 20 11.3			20 15	52 30		845303
30673	EDINBURG, TEX.	0066	8 16	10 20 32.1			27	53 30		845303
30922	PUEBLA, MEX.	0900	8 16	10 21 27.5	4 48 18	61 48				845042
30674	EDINBURG, TEX.	0066	8 16	10 22 03.6			56	51 45		845303
30675	EDINBURG, TEX.	0066	8 16	10 22 52.4			69	48 15		845303
10202	JUPITER-BN, FLA.	9010	8 16	10 24 35.41	1 34 18	21 20				434013
30878	CINCINNATI, OHIO	0050	8 16	10 25 10			172 18	35 30		845302
30923	PUEBLA, MEX.	0900	8 16	10 25 39.8	5 51 36	27 39				845042
30924	PUEBLA, MEX.	0900	8 16	10 27 09.4	8 52 30	10 20				845044
31264	PERTH, AUSTR.	0601	8 16	11 23 50.8			269 10	5 48		641302
31265	PERTH, AUSTR.	0601	8 16	11 25 37.4			278 24	8 03		641304
31266	PERTH, AUSTR.	0601	8 16	11 29 41.4			303 45	10 30		641302
31267	PERTH, AUSTR.	0601	8 16	11 32 10.7			318 58	8 48		641304
31268	PERTH, AUSTR.	0601	8 16	11 34 05.1			334 54	4 47		641304
31412	TAIPEI, TAIWAN	0502	8 16	11 45 22.1	18 01 42	2 06				845002
31922	MIYAZAKI, JAPAN	0230	8 16	11 46 02.9	16 58 06	- 4 06				845002
31912	MITAKA, JAPAN	0229	8 16	11 47 43.5			226 48	34 06		845303
31413	TAIPEI, TAIWAN	0502	8 16	11 48 16.6	20 12 12	28 36				845002
31921	YATSUSHIRO, JAPAN	0272	8 16	11 48 41			180 00	65 18		845302
31923	KAGOSHIMA, JAPAN	0218	8 16	11 49 24.3	18 45 00	18 00				845002
31913	MITAKA, JAPAN	0229	8 16	11 49 29.5			223 48	50 00		845303
31918	KOMKO, JAPAN	0224	8 16	11 49 50.2	18 22	10 42				845002
31914	MITAKA, JAPAN	0229	8 16	11 50 51.9			216 42	66 18		845303
10233	TOKYO-BN, JAPAN	9005	8 16	11 51 21.50	18 07 48	20 22				434013
31920	KANAYA MACHI, JAPAN	0220	8 16	11 51 34	19 26	29				845002
31917	MUSASHINO, JAPAN	0233	8 16	11 52 04.2			180 00	82 00		845302
31919	YOKKAICHI, JAPAN	0258	8 16	11 53 14	20 54	37				845002
10234	TOKYO-BN, JAPAN	9005	8 16	11 53 39.90	20 23 00	38 49				434013
31915	MITAKA, JAPAN	0229	8 16	11 54 24.5			65 42	61 18		845303
31916	MITAKA, JAPAN	0229	8 16	11 56 03.6			60 06	43 42		845303
10235	TOKYO-BN, JAPAN	9005	8 16	11 56 40.00	23 21 36	42 59				434013
31924	MITAKA, JAPAN	0229	8 16	13 58 20.1			348 00	47 36		845303
31925	MUSASHINO, JAPAN	0233	8 16	13 59 05.4			0 00	46 30		845302
31928	HIGASHIMATSUYAMA,JAP	0210	8 16	14 00 57.7	1 52	69 00				845002
31926	MITAKA, JAPAN	0229	8 16	14 03 11.2			42 30	27 12		845302
10236	TOKYO-BN, JAPAN	9005	8 16	14 03 53.10	3 05 12	48 22				434013
31927	MITAKA, JAPAN	0229	8 16	14 04 57.1			50 30	19 12		845303
50961	TASHKENT, USSR	1075	8 16	15 43 27.5	17 32 00	-22 00				845009
50962	TASHKENT, USSR	1075	8 16	15 47 53.7	20 03 30	2 18				845009
50963	TASHKENT, USSR	1075	8 16	15 51 55.9	22 38 00	19 42				845009
31929	MITAKA, JAPAN	0229	8 16	16 01 25.4			325 18	32 36		845303
31934	YATSUSHIRO, JAPAN	0272	8 16	16 02 19			0 00	33 18		845302
31930	MITAKA, JAPAN	0229	8 16	16 02 47.6			338 42	38 48		845303
31931	MITAKA, JAPAN	0229	8 16	16 05 12.4			12 30	44 12		845303
31932	MITAKA, JAPAN	0229	8 16	16 06 39.2			33 24	41 30		845303
31933	MITAKA, JAPAN	0229	8 16	16 08 19.4			51 42	34 42		845303
10237	TOKYO-BN, JAPAN	9005	8 16	16 08 19.70	4 01 42	47 57				434013
51344	ATHENS, GR.	2706	8 16	17 40 47.3			145 00	23 48		637309
51345	ATHENS, GR.	2706	8 16	17 43 33.8			118 30	25 00		637309
51346	ATHENS, GR.	2706	8 16	17 48 23.8			83 00	13 54		637309
50964	TASHKENT, USSR	1075	8 16	17 49 33.8	17 16 00	23 12				845009
51046	STALINABAD, USSR	1068	8 16	17 51 42.3	18 43 48	53 24				845009
51047	STALINABAD, USSR	1068	8 16	17 53 29.7	21 47 42	62 18				845009
51048	STALINABAD, USSR	1068	8 16	17 55 22.3	0 30 06	56 30				845009
50965	TASHKENT, USSR	1075	8 16	17 55 54.7	0 22 30	48 48				845009
10264	TOKYO-BN, JAPAN	9005	8 16	18 03 38.10	18 40 06	40 07				434013
31935	MITAKA, JAPAN	0229	8 16	18 05 47.8			308 48	31 12		845303
10265	TOKYO-BN, JAPAN	9005	8 16	18 07 53.00	20 23 36	50 48				434013
31940	YATSUSHIRO, JAPAN	0272	8 16	18 08 06			0 00	50 12		845302
31936	MITAKA, JAPAN	0229	8 16	18 08 07.8			314 12	50 12		845303
31937	MITAKA, JAPAN	0229	8 16	18 09 58.2			329 36	70 18		845303
31938	MITAKA, JAPAN	0229	8 16	18 12 43.3			99 12	68 24		845303
31939	MITAKA, JAPAN	0229	8 16	18 14 31.0			112 18	49 24		845303
10266	TOKYO-BN, JAPAN	9005	8 16	18 19 08.10	5 00 36	-11 01				434013
51347	ATHENS, GR.	2706	8 16	19 33 36.9			231 18	11 06		637309
51348	ATHENS, GR.	2706	8 16	19 41 02.4			229 48	28 24		637309
50939	NIKOLAEV, USSR	1077	8 16	19 42 33.5	16 30 36	-14 00				845009
52835	WENDELSTEIN-P, GER.	5700	8 16	19 42 36.5	18 42 06	-15 36				637007

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51349	ATHENS, GR.	2706	8 16	19 43 00.9			227 18	43 48		637309
52836	WENDELSTEIN-P, GER.	5700	8 16	19 43 00.9	18 54 06	-13 54				637007
52837	WENDELSTEIN-P, GER.	5700	8 16	19 43 56.5	19 11 06	-11 36				637007
50953	KRYM, USSR	1028	8 16	19 44 05.6	16 39 12	- 5 12				845009
30713	BERLIN, GER.	0700	8 16	19 44 50.0			163 36	22 48		845303
51366	ATHENS, GR.	2706	8 16	19 44 55	18 12	27 00				637009
51367	ATHENS, GR.	2706	8 16	19 45 31	18 57	29 00				637009
30714	BERLIN, GER.	0700	8 16	19 45 45.3			155 48	25 00		845302
51350	ATHENS, GR.	2706	8 16	19 46 25.4			163 36	82 36		637309
53007	BRNO, CZECH.	2720	8 16	19 46 45.1	20 11 30	- 1 18				737041
50954	KRYM, USSR	1028	8 16	19 46 56.4	17 51 24	9 42				845009
30715	BERLIN, GER.	0700	8 16	19 46 59.1			144 18	26 36		845302
51368	ATHENS, GR.	2706	8 16	19 47 43	20 28	37 00				637009
30716	BERLIN, GER.	0700	8 16	19 47 49.8			136 06	27 00		845303
53008	BRNO, CZECH.	2720	8 16	19 48 10.9	21 06 39	4 20				734042
50931	KIEV, USSR	1023	8 16	19 48 36.7	19 35 30	5 30				845009
50940	NIKOLAEV, USSR	1077	8 16	19 48 49.5	19 36 12	15 18				845009
30717	BERLIN, GER.	0700	8 16	19 48 59.3			124 36	26 06		845302
53009	BRNO, CZECH.	2720	8 16	19 49 11.1	21 41 36	8 12				739041
50950	KHARKOV, USSR	1060	8 16	19 49 39.6	19 35 00	11 00				845009
30718	BERLIN, GER.	0700	8 16	19 49 41.5			118 18	25 06		845302
50923	KIEV, USSR	1070	8 16	19 50 15.4	20 47 24	12 18				845009
51369	ATHENS, GR.	2706	8 16	19 50 20	23 52	42 42				637009
50932	KIEV, USSR	1023	8 16	19 50 21.7	20 17 54	12 42				845009
50924	KIEV, USSR	1070	8 16	19 50 23.5	20 54 18	12 30				845009
50951	KHARKOV, USSR	1060	8 16	19 50 27.0	20 12 00	10 30				845009
53010	BRNO, CZECH.	2720	8 16	19 50 57.9	22 46 48	12 24				737041
50952	KHARKOV, USSR	1060	8 16	19 50 59.2	21 28 06	21 00				845009
51370	ATHENS, GR.	2706	8 16	19 51 15	8 45	42 24				637009
51351	ATHENS, GR.	2706	8 16	19 52 05.4			60 54	29 12		637309
50941	NIKOLAEV, USSR	1077	8 16	19 52 59.8	23 16 54	28 00				845009
51049	STALINABAD, USSR	1068	8 16	19 53 26.5	16 35 54	41 54				845009
51371	ATHENS, GR.	2706	8 16	19 53 37	1 59	42 48				637009
50966	TASHKENT, USSR	1075	8 16	19 53 46.3	17 08 00	38 18				845009
51352	ATHENS, GR.	2706	8 16	19 54 17.4			59 48	17 24		637309
51353	ATHENS, GR.	2706	8 16	19 56 36.9			59 24	8 06		637309
51050	STALINABAD, USSR	1068	8 16	19 57 37.7	20 13 18	76 06				845009
50942	NIKOLAEV, USSR	1077	8 16	19 58 35.1	1 54 36	19 36				845009
51051	STALINABAD, USSR	1068	8 16	20 00 59.4	3 03 12	57 06				845009
50967	TASHKENT, USSR	1075	8 16	20 01 22.4	2 38 30	49 12				845009
51376	LARISSA, GR.	8113	8 16	21 20 15	17 45	52 00				845009
50242	MEUDON, FRANCE	2715	8 16	21 40 36.20			223 30	14 04		637109
50243	MEUDON, FRANCE	2715	8 16	21 41 17.50			221 55	17 03		637109
50244	MEUDON, FRANCE	2715	8 16	21 42 02.20			219 58	20 29		637109
10219	SAN FERNANDO-BN, SP.	9004	8 16	21 43 11.20	18 46 12	33 02				434013
50245	MEUDON, FRANCE	2715	8 16	21 43 12.50			215 48	26 41		637109
50246	MEUDON, FRANCE	2715	8 16	21 44 01.30			211 55	31 29		637109
10220	SAN FERNANDO-BN, SP.	9004	8 16	21 44 19.20	18 49 06	34 12				434013
10221	SAN FERNANDO-BN, SP.	9004	8 16	21 44 27.20	18 57 24	35 22				434013
51354	ATHENS, GR.	2706	8 16	21 44 53.9			276 30	16 54		637309
50247	MEUDON, FRANCE	2715	8 16	21 45 17.60			203 07	39 50		637109
30925	GLASGOW, SCOT.	0651	8 16	21 45 35.9	19 36 54	- 8 52				845012
50248	MEUDON, FRANCE	2715	8 16	21 46 07.30			194 35	45 29		637109
53011	BRNO, CZECH.	2720	8 16	21 46 13.9	17 25 00	3 54				737041
50249	MEUDON, FRANCE	2715	8 16	21 47 10.90			178 51	51 54		637109
50250	MEUDON, FRANCE	2715	8 16	21 48 13.20			157 41	55 24		637109
51355	ATHENS, GR.	2706	8 16	21 48 26.4			293 24	35 24		637309
30927	GLASGOW, SCOT.	0651	8 16	21 49 01.8			148 06	32 18		845302
53012	BRNO, CZECH.	2720	8 16	21 49 04.1	18 53	18 12				739041
50251	MEUDON, FRANCE	2715	8 16	21 49 12.70			135 16	54 24		637109
30719	BERLIN, GER.	0700	8 16	21 49 30.5			191 54	48 54		845303
50294	EL GULEA, ALG.	6411	8 16	21 50 00.0			1 54	44 48		845309
30928	GLASGOW, SCOT.	0651	8 16	21 50 06.8			130 06	28 30		845302
50955	KRYM, USSR	1028	8 16	21 50 08.7	18 58 30	47 12				845009
50252	MEUDON, FRANCE	2715	8 16	21 50 14.90			116 22	49 35		637109
30720	BERLIN, GER.	0700	8 16	21 50 33.0			173 06	53 18		845302
50233	MEUDON, FRANCE	2715	8 16	21 51 18.20			103 21	42 55		637109
30721	BERLIN, GER.	0700	8 16	21 51 21.5			155 54	54 12		845303
50943	NIKOLAEV, USSR	1077	8 16	21 51 22.5	18 10 48	29 24				845009
50935	TARTU, USSR	1051	8 16	21 51 33.0	19 59 00	4 30				845009
53013	BRNO, CZECH.	2720	8 16	21 51 33.5	21 05 30	30 18				743040
50295	EL GULEA, ALG.	6411	8 16	21 52 00.0			19 00	35 18		845309
30722	BERLIN, GER.	0700	8 16	21 52 03.6			141 30	52 42		845302
50254	MEUDON, FRANCE	2715	8 16	21 52 07.10			96 09	37 25		637109
51356	ATHENS, GR.	2706	8 16	21 52 25.4			352 00	52 42		637309
53014	BRNO, CZECH.	2720	8 16	21 52 25.8	22 08 00	32 06				737041
30723	BERLIN, GER.	0700	8 16	21 52 52.3			127 24	49 06		845302
50255	MEUDON, FRANCE	2715	8 16	21 53 07.30			90 01	31 11		637109
50925	RIGA, USSR	1040	8 16	21 53 45.8	22 01 30	13 18				845009
50296	EL GULEA, ALG.	6411	8 16	21 54 00.0			25 54	29 36		845309
50256	MEUDON, FRANCE	2715	8 16	21 54 01.90			85 59	26 05		637109
50929	KIEV, USSR	1023	8 16	21 54 23.9	21 34 06	33 36				845009
51377	LARISSA, GR.	8113	8 16	21 54 45	1 24	61 00				845009
50297	EL GULEA, ALG.	6411	8 16	21 55 00.0			30 30	25 18		845309
50257	MEUDON, FRANCE	2715	8 16	21 55 11.30			82 15	20 20		637109
50919	SVERDLOVSK, USSR	1045	8 16	21 55 35.4	19 42 30	10 42				845009
50298	EL GULEA, ALG.	6411	8 16	21 56 00.0			36 00	20 06		845309
50944	NIKOLAEV, USSR	1077	8 16	21 56 08.4	23 36 12	46 24				845009
50258	MEUDON, FRANCE	2715	8 16	21 56 09.90			79 52	16 02		637109
51357	ATHENS, GR.	2706	8 16	21 56 31.9			46 48	33 54		637309
50936	TARTU, USSR	1051	8 16	21 56 34.4	23 30 00	10 48				845009
53015	BRNO, CZECH.	2720	8 16	21 57 55.8	1 54 30	20 37				734042
50299	EL GULEA, ALG.	6411	8 16	21 58 00.0			40 54	13 24		845309
51378	LARISSA, GR.	8113	8 16	21 58 10	2 53	37 48				845009
50968	TASHKENT, USSR	1075	8 16	21 58 19.1	18 47 00	37 48				845009

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50300	EL GULEA, ALG.	6411	8 16	21 59 00.0			43 12	8 42		845309
50930	KIEV, USSR	1023	8 16	21 59 34.0	1 52 36	20 36				845009
50969	TASHKENT, USSR	1075	8 16	22 00 06.7	19 47 30	45 12				845009
50920	SVERDLOVSK, USSR	1045	8 16	22 00 11.2	22 39 30	10 48				845009
50926	RIGA, USSR	1040	8 16	22 00 30.0	2 58 00	1 36				845009
50927	RIGA, USSR	1040	8 16	22 00 33.0	3 14 30	- 3 30				845009
51358	ATHENS, GR.	2706	8 16	22 00 42.4			62 00	13 18		637309
50945	NIKOLAEV, USSR	1077	8 16	22 01 42.7	2 58 00	19 00				845009
51052	STALINABAD, USSR	1068	8 16	22 02 10.8	21 26 18	59 54				845009
51359	ATHENS, GR.	2706	8 16	22 03 11.4			66 48	5 00		637309
51053	STALINABAD, USSR	1068	8 16	22 04 07.6	0 40 12	56 24				845009
51054	STALINABAD, USSR	1068	8 16	22 08 09.8	3 45 06	21 30				845009
50970	TASHKENT, USSR	1075	8 16	22 08 23.9	3 32 00	13 12				845009
10238	AREQUIPA-BN, PERU	9007	8 16	23 19 51.87	12 40 30	1 47				434013
10239	AREQUIPA-BN, PERU	9007	8 16	23 21 55.56	13 37 18	18 52				434013
10240	AREQUIPA-BN, PERU	9007	8 16	23 24 10.50	14 45 30	36 44				434013
50259	MEUDON, FRANCE	2715	8 16	23 45 35.50			259 30	18 08		637109
50260	MEUDON, FRANCE	2715	8 16	23 46 18.70			259 10	21 46		637109
50261	MEUDON, FRANCE	2715	8 16	23 47 07.90			258 40	26 26		637109
50262	MEUDON, FRANCE	2715	8 16	23 48 03.20			257 51	32 32		637109
51360	ATHENS, GR.	2706	8 16	23 48 53.0			291 30	7 48		637309
50263	MEUDON, FRANCE	2715	8 16	23 49 08.40			256 20	41 03		637109
10222	SAN FERNANDO-BN, SP.	9004	8 16	23 49 42.70	17 45 00	70 15				434013
50264	MEUDON, FRANCE	2715	8 16	23 50 06.10			253 58	50 09		637109
10223	SAN FERNANDO-BN, SP.	9004	8 16	23 50 06.70	18 23 00	73 56				434013
10224	SAN FERNANDO-BN, SP.	9004	8 16	23 50 14.70	18 40 00	75 04				434013
50265	MEUDON, FRANCE	2715	8 16	23 51 10.60			248 31	62 11		637109
50301	EL GULEA, ALG.	6411	8 16	23 52 00.0			335 24	27 00		845309
50266	MEUDON, FRANCE	2715	8 16	23 52 08.00			234 50	73 57		637109
30929	GLASGOW, SCOT.	0651	8 16	23 52 09.7			166 30	49 12		845302
30926	GLASGOW, SCOT.	0651	8 16	23 52 19.3	21 30 48	14 27				845012
51361	ATHENS, GR.	2706	8 16	23 52 56.5			306 48	24 42		637309
50302	EL GULEA, ALG.	6411	8 16	23 53 00.0			347 36	28 30		845309
50267	MEUDON, FRANCE	2715	8 16	23 53 05.40			175 44	31 52		637109
51009	RIGA, USSR	1040	8 16	23 53 08.1	19 43 30	11 12				845009
50303	EL GULEA, ALG.	6411	8 16	23 54 00.0			2 12	28 12		845309
51379	LARISSA, GR.	8113	8 16	23 54 15	17 40	52 00				845009
50268	MEUDON, FRANCE	2715	8 16	23 54 20.50			109 08	70 35		637109
31269	HANOVER, GER.	0702	8 16	23 54 41.0			182 21 00	66 15		845302
53016	BRNO, CZECH.	2720	8 16	23 54 46.0	20 46	36 54				743040
50304	EL GULEA, ALG.	6411	8 16	23 55 00.0			11 54	26 48		845309
50269	MEUDON, FRANCE	2715	8 16	23 55 04.90			100 52	61 40		637109
30931	GLASGOW, SCOT.	0651	8 16	23 55 57.3			117 00	32 18		845302
50270	MEUDON, FRANCE	2715	8 16	23 56 07.50			95 45	50 20		637109
30930	GLASGOW, SCOT.	0651	8 16	23 56 18.3			133 30	42 48		845302
51362	ATHENS, GR.	2706	8 16	23 56 44.5			336 24	47 00		637309
50305	EL GULEA, ALG.	6411	8 16	23 57 00.0			26 36	22 48		845309
50271	MEUDON, FRANCE	2715	8 16	23 57 07.20			93 25	41 14		637109
50306	EL GULEA, ALG.	6411	8 16	23 58 00.0			36 06	19 42		845309
50937	TARTU, USSR	1051	8 16	23 58 05.2	22 55 30	8 36				845009
53017	BRNO, CZECH.	2720	8 16	23 58 07.1	0 35	32 18				739040
50272	MEUDON, FRANCE	2715	8 16	23 58 08.1			91 59	33 29		637109
50956	UJGOROD, USSR	1055	8 16	23 58 36.0	0 02 00	34 30				845009
50933	KIEV, USSR	1023	8 16	23 59 09.4	23 03 54	26 36				845009
51380	LARISSA, GR.	8113	8 16	23 59 10	1 35	62 48				845009
50957	UJGOROD, USSR	1055	8 16	23 59 13.6	0 41 00	31 18				845009
50928	KIEV, USSR	1070	8 16	23 59 16.0	23 09 30	26 24				845009
50273	MEUDON, FRANCE	2715	8 16	23 59 28.7			90 53	25 10		637109
31270	HANOVER, GER.	0702	8 16	23 59 35.5			111 00 00	32 54		845302
50934	KIEV, USSR	1023	8 17	0 00 07.4	22 59 06	26 24				845009
51363	ATHENS, GR.	2706	8 17	0 00 11.0			39 42	50 24		637309
50917	RIGA, USSR	1040	8 17	0 00 27.9	0 47	5 48				845009
50274	MEUDON, FRANCE	2715	8 17	0 00 35.1			90 20	19 29		637109
50946	NIKOLAEV, USSR	1077	8 17	0 00 40.8	0 15 42	33 00				845009
50958	UJGOROD, USSR	1055	8 17	0 00 45.3	1 48 00	22 48				845009
50275	MEUDON, FRANCE	2715	8 17	0 01 16.1			90 05	16 22		637109
51381	LARISSA, GR.	8113	8 17	0 01 40	2 50	42 00				845009
50276	MEUDON, FRANCE	2715	8 17	0 02 17.4			89 48	12 11		637109
50947	NIKOLAEV, USSR	1077	8 17	0 02 41.1	1 53 24	20 48				845009
50959	UJGOROD, USSR	1055	8 17	0 02 45.0	2 47 00	12 42				845009
50277	MEUDON, FRANCE	2715	8 17	0 03 07.2			89 40	9 09		637109
31271	HANOVER, GER.	0702	8 17	0 03 09.0			103 27 00	14 36		845302
50960	UJGOROD, USSR	1055	8 17	0 03 42.6	3 07 00	8 30				845009
50938	TARTU, USSR	1051	8 17	0 03 46.4	1 57 00	-10 24				845009
50278	MEUDON, FRANCE	2715	8 17	0 04 02.7			89 34	5 57		637109
51364	ATHENS, GR.	2706	8 17	0 04 39.8			79 06	25 30		637309
50948	NIKOLAEV, USSR	1077	8 17	0 05 23.5	3 10 48	6 12				845009
51382	LARISSA, GR.	8113	8 17	0 06 42	4 40	12 48				845009
51365	ATHENS, GR.	2706	8 17	0 08 06.5			89 00	11 06		637309
50949	NIKOLAEV, USSR	1077	8 17	0 09 15.0	4 09 12	- 7 18				845009
50921	NIKOLAEV, USSR	1077	8 17	0 29 09.0	0 35 00	55 30				845009
50922	NIKOLAEV, USSR	1077	8 17	0 29 42.5	3 01 54	55 54				845009
31272	PUEBLA, MEX.	0900	8 17	1 27 46.7	17 06 00	-23 51				845044
30724	W. PALM BEACH, FLA.	0016	8 17	1 29 34			225	25		845303
30729	EDINBURG, TEX.	0066	8 17	1 30 19.1			149 30	37		845303
30730	EDINBURG, TEX.	0066	8 17	1 30 53.0			142 15	38 30		845303
30731	EDINBURG, TEX.	0066	8 17	1 31 24.8			135 10	39 10		845303
31273	PUEBLA, MEX.	0900	8 17	1 31 49.7	18 53 18	- 3 53				845042
30732	EDINBURG, TEX.	0066	8 17	1 31 58.8			127	39 25		845303
30932	SAN ANTONIO, TEX.	0096	8 17	1 32 00.3			136 48	32 12		845302
30733	EDINBURG, TEX.	0066	8 17	1 32 53.9			114 15	38 15		845303
30734	TERRE HAUTE, IND.	8127	8 17	1 33 55.7			174 15	24 25		845303
30738	N. CANTON, OHIO	8565	8 17	1 34 00.0	17 22 36	-23 42				845042
30725	W. PALM BEACH, FLA.	0016	8 17	1 34 15			224	71		845303

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30726	W. PALM BEACH, FLA.	0016	8 17	1 35 03			224	81		845303
30743	DAYTON, OHIO	8557	8 17	1 35 11.2			168 21	32 45		845302
30739	N. CANTON, OHIO	8544	8 17	1 35 28.2	18 05	-16 40				845042
30676	FT. BELVOIR, VA.	0077	8 17	1 35 29.1			192 48	36 48		845302
30735	TERRE HAUTE, IND.	8127	8 17	1 35 50.4			150	33 15		845302
30858	SAN ANTONIO, TEX.	8543	8 17	1 36 03.8			92	26		845302
30679	ROCHESTER, N.Y.	8585	8 17	1 36 05.5	17 55 00	-17 00				845032
30933	SAN ANTONIO, TEX.	0096	8 17	1 36 16.8			99 18	28 12		845302
30740	N. CANTON, OHIO	8565	8 17	1 36 35.8	18 41 30	-14 24				845043
30883	PITTSBURGH, PA.	8571	8 17	1 36 51.7	18 37 24	- 8 54				845042
10225	CURACAO-BN, N.W.I.	9009	8 17	1 37 00.36	14 53 30	66 35				434013
30879	CINCINNATI, OHIO	8555	8 17	1 37 33.5			136 42	40 30		845302
52746	ROCHESTER-P, N.Y.	5050	8 17	1 37 36.8	18 42 18	- 9 42				637007
30681	CHICAGO, ILL.	0020	8 17	1 37 38			135 00 00	34 00		845302
30934	SAN ANTONIO, TEX.	0096	8 17	1 37 50.9			79 48	19 12		845302
52697	WESTFIELD-P, MASS.	5021	8 17	1 38 16	18 23 30	- 3 54				637007
30687	ROCHESTER, N.Y.	8564	8 17	1 38 19.8	19 02 54	- 5 48				845033
30741	N. CANTON, OHIO	8544	8 17	1 38 29.0	19 51 30	0 24				845042
30742	N. CANTON, OHIO	0053	8 17	1 38 29.6	19 52	0 00				845043
30884	PITTSBURGH, PA.	8571	8 17	1 38 55.2	19 57 54	3 48				845042
51394	WASHINGTON, D.C.	8006	8 17	1 39 07	19 44	10 15				845041
10243	JUPITER-BN, FLA.	9010	8 17	1 39 11.68	21 24 00	46 20				434013
30746	STATE COLLEGE, PA.	0060	8 17	1 39 11.8			140 54	48 06		845303
30747	STATE COLLEGE, PA.	0060	8 17	1 39 16.6			139 18	48 00		845303
30748	ROANOKE, VA.	0073	8 17	1 39 20	20 25	7 21				845002
30686	ROCHESTER, N.Y.	8564	8 17	1 39 26.4	19 48 36	0 42				845033
52747	ROCHESTER-P, N.Y.	5050	8 17	1 39 26.7	19 50 30	0 48				637007
30744	DAYTON, OHIO	8557	8 17	1 39 33.0			112 27	37 03		845302
30935	SAN ANTONIO, TEX.	0096	8 17	1 39 34			71 48	12 42		845302
30677	FT. BELVOIR, VA.	0077	8 17	1 40 02.0			117 06	52 48		845302
30936	SAN ANTONIO, TEX.	0096	8 17	1 40 04.4			70 18	11 12		845302
30727	W. PALM BEACH, FLA.	0016	8 17	1 40 14			48 30	38		845303
30749	N. CANTON, OHIO	8565	8 17	1 40 20.6	21 03 54	10 00				845042
30750	N. CANTON, OHIO	8536	8 17	1 40 22.5	21 04 00	10 00				641042
52748	ROCHESTER-P, N.Y.	5050	8 17	1 40 38.5	20 37	7 30				637007
10244	JUPITER-BN, FLA.	9010	8 17	1 41 55.09	23 24 24	45 47				434013
52749	ROCHESTER-P, N.Y.	5050	8 17	1 42 13.7	21 42 30	14 30				637007
32129	N. CANTON, OHIO	8591	8 17	1 42 21	22 17	16 00				845044
30688	COLUMBUS, OHIO	0051	8 17	1 42 34.4			90	27		845303
30745	DAYTON, OHIO	8557	8 17	1 42 41.0			84 12	24 48		845302
30728	W. PALM BEACH, FLA.	0016	8 17	1 43 07			49	20		845303
30885	SILVER SPRING, MD	0032	8 17	1 43 40	23 00	27 00				845042
30678	FT. BELVOIR, VA.	0077	8 17	1 46 19.7			67 30	17 12		845302
51934	ATHENS, GREECE	2706	8 17	1 54 12.0			300 42	7 48		637309
51960	LARISSA, GREECE	8113	8 17	1 56 20	19 00	32 00				845009
51935	ATHENS, GREECE	2706	8 17	1 58 03.5			299 18	24 54		637309
50307	EL GULEA, ALG.	6411	8 17	1 59 00.0			334 12	27 12		845309
51961	LARISSA, GREECE	8113	8 17	1 59 10	20 25	38 00				845009
50308	EL GULEA, ALG.	6411	8 17	2 00 00.0			345 00	32 06		845309
51936	ATHENS, GREECE	2706	8 17	2 00 20.5			296 48	40 36		637309
50309	EL GULEA, ALG.	6411	8 17	2 01 00.0			354 24	35 18		845309
50310	EL GULEA, ALG.	6411	8 17	2 03 00.0			18 00	38 18		845309
51962	LARISSA, GREECE	8113	8 17	2 03 40	0 30	29 30				845009
51937	ATHENS, GREECE	2706	8 17	2 04 16.5			237 48	81 00		637309
50311	EL GULEA, ALG.	6411	8 17	2 05 00.0			40 54	35 48		845309
51963	LARISSA, GREECE	8113	8 17	2 05 10	1 52	21 30				845009
50312	EL GULEA, ALG.	6411	8 17	2 07 00.0			60 48	28 30		845309
50313	EL GULEA, ALG.	6411	8 17	2 09 00.0			72 42	21 00		845309
51938	ATHENS, GREECE	2706	8 17	2 10 21.5			131 54	29 36		637309
50314	EL GULEA, ALG.	6411	8 17	2 11 00.0			81 06	13 42		845309
50315	EL GULEA, ALG.	6411	8 17	2 13 00.0			87 00	7 24		845309
51939	ATHENS, GREECE	2706	8 17	2 15 41.5			129 36	6 18		637309
30861	SAN JOSE, CAL.	8573	8 17	3 27 46.0	16 50 13	-37 58				845002
32744	WHITTIER, CAL.	8566	8 17	3 30 10.6			30 42	18 00		845303
30754	CHINA LAKE, CAL.	0098	8 17	3 30 19.1			180 00 00	27 33 36		641303
30391	SAN JOSE, CAL.	8573	8 17	3 31 15.4	18 25 22	-23 26				845002
30756	EDINBURG, TEX.	0066	8 17	3 31 23.7			255 15	28		845303
30761	TUCSON, ARIZ.	0003	8 17	3 32 04.9			195 42	46 12		845303
32745	WHITTIER, CAL.	8566	8 17	3 34 06.0			130 30	44 30		845303
31766	SACRAMENTO, CAL.	8517	8 17	3 34 20.7	19 47 18	- 8 08				641013
30859	SAN ANTONIO, TEX.	0089	8 17	3 34 24	15 54	15 50				845042
30764	SAN DIEGO, CAL.	0133	8 17	3 34 36	19 50 15	7 45				845042
30757	EDINBURG, TEX.	0066	8 17	3 35 04.5			290	52 30		845303
30937	SAN ANTONIO, TEX.	0096	8 17	3 36 01.1	16 38 30	32 20				845042
31767	SACRAMENTO, CAL.	8517	8 17	3 36 03.2	20 41 00	1 14				641013
30860	SAN ANTONIO, TEX.	0089	8 17	3 37 12	17 38	46				845042
30762	TUCSON, ARIZ.	0003	8 17	3 37 16.6			81 00	51 42		845303
30758	EDINBURG, TEX.	0066	8 17	3 37 24.4			342 30	55 45		845303
30938	SAN ANTONIO, TEX.	0096	8 17	3 37 29.9	17 46	47 36				845042
52108	ALAMOGORDO, N.M.	5013	8 17	3 37 44.93	20 21 36	34 53				620003
31768	SACRAMENTO, CAL.	8517	8 17	3 37 54.9	21 36 24	9 25				641013
52109	ALAMOGORDO, N.M.	5013	8 17	3 38 00.92	20 37 28	36 17				620003
30763	TUCSON, ARIZ.	0003	8 17	3 38 10.6			68 30	37 30		845302
52110	ALAMOGORDO, N.M.	5013	8 17	3 38 20.74	20 56 58	37 44				620003
30771	MILWAUKEE, WIS.	0074	8 17	3 38 36.6			226 06	44 18		641302
30759	EDINBURG, TEX.	0066	8 17	3 38 42.0			5 15	48 30		845303
30765	FT. WORTH, TEX.	0139	8 17	3 38 57.2	18 47 30	48 24				845043
31416	ST. LOUIS, MO.	0140	8 17	3 38 58.2	16 59 12	14 10				845032
30766	FT. WORTH, TEX.	0139	8 17	3 39 07.7	19 25	52 18				845041
30767	DAYTON, OHIO	8557	8 17	3 39 23.4			253 25	50 20		845302
30939	SAN ANTONIO, TEX.	0096	8 17	3 39 54.8	21 17 23	62 22				845042
50241	ST. LOUIS, MO.	5082	8 17	3 40 15.0	18 41 36	36 06				637007
30940	SAN ANTONIO, TEX.	0096	8 17	3 40 24.8	22 03 36	62 02				845042
30769	MILWAUKEE, WIS.	0074	8 17	3 40 51.3	17 48 48	10 12				641002
30774	BILOXI, MISS.	0090	8 17	3 41 17			0	48 30		845302

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30941	SAN ANTONIO, TEX.	0096	8 17	3 41 28.5	23 07 35	59 03				845042
30776	DALLAS, TEX.	0129	8 17	3 41 29.4	22 32 36	56 06				845043
10245	JUPITER-BN, FLA.	9010	8 17	3 41 31.61	15 22 12	67 54				434013
30736	TERRE HAUTE, IND.	8127	8 17	3 41 46.7			0	84 50		845303
30682	CHICAGO, ILL.	0020	8 17	3 41 56			154 00 00	82 00		845302
30880	CINCINNATI, OHIO	8555	8 17	3 42 14			334 12	79 06		845302
30751	N. CANTON, OHIO	8536	8 17	3 42 14.0	18 35	40 00				641042
32130	N. CANTON, OHIO	8591	8 17	3 42 19	18 35 12	39 09				845044
52750	ROCHESTER-P, N.Y.	5050	8 17	3 42 30.5	18 10 30	31 12				637007
52757	CHICAGO-P, ILL.	5074	8 17	3 42 34.0	20 32 30	40 00				637007
30760	EDINBURG, TEX.	0066	8 17	3 42 49.3			33 30	22 30		845303
51395	WASHINGTON, D.C.	8006	8 17	3 43 06	18 00	51 30				845041
52698	WESTFIELD-P, MASS.	5021	8 17	3 43 10	17 41	36 18				637007
30680	ROCHESTER, N.Y.	8585	8 17	3 43 18.1	19 55 00	39 00				845032
52751	ROCHESTER-P, N.Y.	5050	8 17	3 43 35.1	19 09 42	40 15				637007
31274	PUEBLA, MEX.	0900	8 17	3 43 46.7	1 53 18	61 27				845043
30772	MILWAUKEE, WIS.	0074	8 17	3 43 56.2			83 24	60 36		641304
30777	STATE COLLEGE, PA.	0060	8 17	3 44 01.8			338 18	75 36		845303
30778	STATE COLLEGE, PA.	0060	8 17	3 44 09.3			339 48	75 36		845303
30752	N. CANTON, OHIO	8544	8 17	3 44 10.2	21 01 35	52 50				845042
31417	ST. LOUIS, MO.	0140	8 17	3 44 43.7	23 51 46	45 10				845032
30737	TERRE HAUTE, IND.	8127	8 17	3 45 38.0			57 15	40 20		845303
30753	N. CANTON, OHIO	8572	8 17	3 46 08.9	0 38 30	46 54				845042
52733	NEW HAVEN-P, CONN.	5048	8 17	3 46 21	21 44 54	61 06				637007
30779	N. CANTON, OHIO	8544	8 17	3 47 10.5	0 40 50	46 57				845042
30768	DAYTON, OHIO	8557	8 17	3 49 12.0			59 50	22 00		845302
10246	JUPITER-BN, FLA.	9010	8 17	3 49 41.37	3 18 12	51 49				434013
30773	MILWAUKEE, WIS.	0074	8 17	3 53 56.1			66 18	5 24		641302
30770	MILWAUKEE, WIS.	0074	8 17	3 53 59.8	2 42 00	18 40				641044
50316	EL GULEA, ALG.	6411	8 17	4 02 00.0			306 00	34 06		845309
50317	EL GULEA, ALG.	6411	8 17	4 06 00.0			301 06	70 48		845309
50318	EL GULEA, ALG.	6411	8 17	4 08 00.0			141 18	79 06		845309
50319	EL GULEA, ALG.	6411	8 17	4 10 00.0			133 12	59 48		845309
50320	EL GULEA, ALG.	6411	8 17	4 12 00.0			131 06	40 30		845309
50321	EL GULEA, ALG.	6411	8 17	4 14 00.0			130 30	27 06		845309
50322	EL GULEA, ALG.	6411	8 17	4 16 00.0			130 12	17 00		845309
50323	EL GULEA, ALG.	6411	8 17	4 18 00.0			130 06	9 18		845309
10254	MAUI-BN, HAWAII	9012	8 17	5 28 50.93	19 27 12	12 02				434013
30942	SAN ANTONIO, TEX.	0096	8 17	5 33 06.0	15 17 07	72 00				845042
31769	SACRAMENTO, CAL.	8517	8 17	5 35 28.2	16 47 48	10 17				641013
30943	SAN ANTONIO, TEX.	0096	8 17	5 35 31.4	4 05	86 14				845042
30944	SAN ANTONIO, TEX.	0096	8 17	5 35 36.6	3 58	85 15				845042
52948	SPOKANE, WASH.	8142	8 17	5 36 23.9	19 23 10	11 18				845002
30862	SAN JOSE, CAL.	8573	8 17	5 38 04.6	18 35 30	37 14				845002
30787	CALGARY, CANADA	0452	8 17	5 38 06.0	18 04 12	- 3 12				845042
30915	WALNUT CREEK, CAL.	8556	8 17	5 38 13.1	18 52 05	36 48				845004
31770	SACRAMENTO, CAL.	8517	8 17	5 38 37.1			180 00	89 02		641304
31663	VAN NUYS, CAL.	0113	8 17	5 39 37.5	19 31 30	61 44				845043
52949	SPOKANE, WASH.	8142	8 17	5 39 46.1	19 25 57	12 48				845002
31771	SACRAMENTO, CAL.	8517	8 17	5 39 47.5	20 36 24	44 48				641013
32746	WHITTIER, CAL.	8566	8 17	5 39 49.5			0 00 00	49 30		845303
30755	CHINA LAKE, CAL.	0098	8 17	5 39 51.6			0 00	67 10 48		641303
30392	SAN JOSE, CAL.	8573	8 17	5 39 59.2	19 43 39	45 13				845004
30785	CALGARY, CANADA	0452	8 17	5 40 54.4	19 47 00	9 30				845042
30784	CALGARY, CANADA	0452	8 17	5 40 57.6	19 49 00	9 30				845042
30946	PHOENIX, ARIZ.	8576	8 17	5 41 03.0	18 21 30	72 36				845043
30947	PHOENIX, ARIZ.	8576	8 17	5 41 29.0			360	49 34		845303
31772	SACRAMENTO, CAL.	8517	8 17	5 42 24.3	23 30 48	45 16				641013
30788	ALBUQUERQUE, N.M.	8579	8 17	5 42 58.7			180 00	49 48		845303
30790	MILWAUKEE, WIS.	0074	8 17	5 43 04.9			281 06	36 54		641304
30786	CALGARY, CANADA	0452	8 17	5 43 18.6	21 25 00	16 30				845042
30863	SAN JOSE, CAL.	8573	8 17	5 43 48.3	0 40 00	43 30				845042
30780	N. CANTON, OHIO	8572	8 17	5 43 49.6	17 33	52 06				845042
30794	CALGARY, CANADA	0452	8 17	5 45 23.2	23 19 18	20 30				845042
30795	DAYTON, OHIO	8557	8 17	5 45 26.6			309 09	42 54		845302
30799	FT. WORTH, TEX.	0139	8 17	5 45 47.4	1 00	84 30				845043
32747	WHITTIER, CAL.	8566	8 17	5 45 58.7			47 55 48	18 50 24		845303
52699	WESTFIELD-P, MASS.	5021	8 17	5 47 14	17 45	43 42				637007
30775	MILWAUKEE, WIS.	0090	8 17	5 47 16			0	28 12		845302
30683	CHICAGO, ILL.	0020	8 17	5 47 25			355 00 00	65 30		845302
30796	DAYTON, OHIO	8557	8 17	5 47 43.2			344 29	54 35		845302
30881	CINCINNATI, OHIO	0050	8 17	5 48 17			357 12	53 06		845301
30792	MILWAUKEE, WIS.	0074	8 17	5 49 05.6	12 30	58 20				641044
10247	JUPITER-BN, FLA.	9010	8 17	5 49 40.56	8 22 00	84 25				434013
52700	WESTFIELD-P, MASS.	5021	8 17	5 50 14	20 47	64 30				637007
30781	N. CANTON, OHIO	8572	8 17	5 50 50.2	1 36	61 36				845042
30797	DAYTON, OHIO	8557	8 17	5 51 40.5			51 12	39 42		845302
30791	MILWAUKEE, WIS.	0074	8 17	5 51 42.9			66 24	32 12		641304
30793	MILWAUKEE, WIS.	0074	8 17	5 54 21.9	15 30	25 43				641044
30798	DAYTON, OHIO	8557	8 17	5 54 23.6			65 48	24 22		845302
10256	MAUI-BN, HAWAII	9012	8 17	7 29 43.93	14 33 00	29 15				434013
10257	MAUI-BN, HAWAII	9012	8 17	7 31 35.36	15 03 18	47 25				434013
10258	MAUI-BN, HAWAII	9012	8 17	7 33 49.93	16 10 00	69 05				434013
52950	SPOKANE, WASH.	8142	8 17	7 42 24.2	21 32 25	44 37				845002
30864	SAN JOSE, CAL.	8573	8 17	7 43 48.4	18 22 12	72 42				845004
31773	SACRAMENTO, CAL.	8517	8 17	7 44 50.3			0 00	52 40		641304
31774	SACRAMENTO, CAL.	8517	8 17	7 45 12.6	22 29 30	75 29				641013
31664	VAN NUYS, CAL.	0113	8 17	7 45 35.1	21 46 36	86 21				845043
31665	VAN NUYS, CAL.	0113	8 17	7 45 38.5	22 08	86 21				845043
52951	SPOKANE, WASH.	8142	8 17	7 45 49.1	21 34 43	45 19				845002
32748	WHITTIER, CAL.	8566	8 17	7 46 03.7			357	36 45 00		845303
30393	SAN JOSE, CAL.	8573	8 17	7 48 32.3	3 01 44	53 32				845004
52952	SPOKANE, WASH.	8142	8 17	7 52 22.1	21 46 51	46 22				845002
30800	BILOXI, MISS.	0090	8 17	7 52 41			0	34 06		845302
30684	CHICAGO, ILL.	0020	8 17	7 53 19			18 00 00	79 00		845302

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30802	DAYTON, OHIO	8557	8 17	7 53 49.0			354 12	70 48		845302
30945	SAN ANTONIO, TEX.	0096	8 17	7 54 48	4 54	53 00				845042
30803	DAYTON, OHIO	8557	8 17	7 57 17.8			88 57	51 27		845302
10248	JUPITER-BN, FLA.	9010	8 17	7 58 30.61	4 35 06	55 56				434013
30782	N. CANTON, OHIO	8572	8 17	7 59 08.5	18 25	37 06				845042
30783	N. CANTON, OHIO	8572	8 17	7 59 56.2	3 45	11 00				845042
10249	JUPITER-BN, FLA.	9010	8 17	8 00 59.73	5 04 12	34 39				434013
30988	ADELAIDE, AUSTR.	8528	8 17	9 05 44.8	11 42 30	6 54				845042
30949	ADELAIDE, AUSTR.	0600	8 17	9 06 52.6			299 15 00	16 30		845302
30948	ADELAIDE, AUSTR.	0600	8 17	9 07 18.8			302 45 00	16 45 00		845302
30986	ADELAIDE, AUSTR.	8528	8 17	9 08 01.5	12 33	18 30				845042
30950	ADELAIDE, AUSTR.	0600	8 17	9 08 32			312 15 00	16 30		845302
30890	TOWNSVILLE, AUSTR.	8578	8 17	9 12 57.3			300 36	21 09		845302
10217	WOOMERA-BN, AUSTR.	9003	8 17	9 13 55.22	14 50 24	45 07				434013
10218	WOOMERA-BN, AUSTR.	9003	8 17	9 15 49.75	15 38 48	51 38				434013
10259	MAUI-BN, HAWAII	9012	8 17	9 40 41.31	12 20 00	79 48				434013
31275	VAN NUYS, CAL.	0113	8 17	9 51 02.4			1 16 12	45		845303
30789	ALBUQUERQUE, N.M.	8579	8 17	9 54 20.4			180 00	62 06		845303
10250	JUPITER-BN, FLA.	9010	8 17	9 56 48.85	20 54 48	43 23				434013
30804	DAYTON, OHIO	8557	8 17	9 58 00.8			245 48	49 21		845302
30685	CHICAGO, ILL.	0020	8 17	9 58 20			218 00 00	52 00		845302
30882	CINCINNATI, OHIO	8555	8 17	9 59 35			219 54	54 00		845302
30801	BILOXI, MISS.	0090	8 17	10 00 56			90	84 12		845302
30805	DAYTON, OHIO	8557	8 17	10 01 41.3			186 30	45 00		845302
30891	N. CANTON, OHIO	8572	8 17	10 02 20.2	2 41 12	3 04				845002
10251	JUPITER-BN, FLA.	9010	8 17	10 02 23.04	1 06 30	27 51				434013
10252	JUPITER-BN, FLA.	9010	8 17	10 04 01.16	2 19 18	13 37				434013
32718	ANTOFAGASTA, CHILE	0804	8 17	10 20 42.0	7 17 00	20 12				845002
31761	SAN JUAN, ARG.	0812	8 17	10 24 38.0	8 08	8 30				845002
31418	PERTH, AUSTR.	0601	8 17	11 12 51.8			333 10	6 42		641304
31419	PERTH, AUSTR.	0601	8 17	11 13 07.4			334 50	6 20		641302
31420	PERTH, AUSTR.	0601	8 17	11 13 36.3			337 00	5 35		641302
31411	QUEZON CITY, PH.IS.	0500	8 17	11 21 43.5			316	83		845302
31414	TAIPEI, TAIWAN	0502	8 17	11 23 48.8	17 59 12	1 24				845002
31955	KAGOSHIMA, JAPAN	0218	8 17	11 24 12.6	16 30 30	-12 18				845002
31415	TAIPEI, TAIWAN	0502	8 17	11 25 21.7	18 59 48	14 34				845002
31954	YATSUSHIRO, JAPAN	0272	8 17	11 26 40			180 00	59 18		845302
31942	MITAKA, JAPAN	0229	8 17	11 26 58.8			221 18	41 54		845303
31947	KONKO, JAPAN	0224	8 17	11 27 51.8	18 06	5 42				845002
31951	KASHIWABARA, JAPAN	0222	8 17	11 27 52	17 35	6 00				845002
31943	MITAKA, JAPAN	0229	8 17	11 29 28.2			203 06	69 12		845303
31952	KANAYA MACHI, JAPAN	0220	8 17	11 30 05	19 30	28				845002
31948	MUSASHINO, JAPAN	0233	8 17	11 30 09.7			180 00	77		845302
31941	MITAKA, JAPAN	0229	8 17	11 30 10.18			180 00 00	77 09 00		845302
31950	YOKKAICHI, JAPAN	0258	8 17	11 30 28	19 34	27				845002
31956	HIGASHIMATSUYAMA, JAP	0210	8 17	11 30 41.6	19 00 00	25 24				845002
31949	IKOMA, JAPAN	0216	8 17	11 30 52	19 40	25				845002
31944	MITAKA, JAPAN	0229	8 17	11 31 55.5			80 42	69 30		845303
31953	SAPPORO, JAPAN	0245	8 17	11 32 12	19 40	12				845002
31946	ASAHIKAWA, JAPAN	0201	8 17	11 32 37.5	19 40 00	11 42				845002
10267	TOKYO-BN, JAPAN	9005	8 17	11 34 30.80	22 43 54	41 34				434013
31945	MITAKA, JAPAN	0229	8 17	11 35 08.2			61 00	36 30		845303
10260	MAUI-BN, HAWAII	9012	8 17	11 51 59.00	5 37 24	58 47				434013
31968	KANAYA MACHI, JAPAN	0220	8 17	13 30 37	15 27	29				845002
31958	MITAKA, JAPAN	0229	8 17	13 33 19.7			299 42	37 48		845303
50979	BLAGOVESTCHENSK, USSR	1010	8 17	13 34 35.8	20 12 30	15 06				845009
31966	YOKKAICHI, JAPAN	0258	8 17	13 34 57	17 12	66				845002
31959	MITAKA, JAPAN	0229	8 17	13 35 00.6			321 06	45 48		845303
31970	YATSUSHIRO, JAPAN	0272	8 17	13 35 01			0 00	43 30		845302
31964	KONKO, JAPAN	0224	8 17	13 35 43	20 13	77 18				845002
31969	SAPPORO, JAPAN	0245	8 17	13 36 06	18 32	46				845002
31962	ASAHIKAWA, JAPAN	0201	8 17	13 36 07.3	19 34 00	50 24				845002
31960	MITAKA, JAPAN	0229	8 17	13 36 16.6			342 24	48 24		845303
31967	KASHIWABARA, JAPAN	0222	8 17	13 37 15	23 40	77				845002
31957	MITAKA, JAPAN	0229	8 17	13 37 15.13			0 00	47 03		845302
31963	MUSASHINO, JAPAN	0233	8 17	13 37 24.6			0 00	46 30		845302
50980	BLAGOVESTCHENSK, USSR	1010	8 17	13 37 53.4	23 01 00	23 00				845009
31965	IKOMA, JAPAN	0216	8 17	13 40 00	2 10	65				845002
31961	MITAKA, JAPAN	0229	8 17	13 40 33.9			37 24	31 30		845303
10268	TOKYO-BN, JAPAN	9005	8 17	13 43 49.00	3 12 12	39 24				434013
10261	MAUI-BN, HAWAII	9012	8 17	13 59 35.27	5 12 06	31 20				434013
10262	MAUI-BN, HAWAII	9012	8 17	14 01 49.86	5 38 48	14 13				434013
10263	MAUI-BN, HAWAII	9012	8 17	14 04 16.63	6 02 24	0 14				434013
51127	ULIANOVSK, USSR	1071	8 17	15 22 05.6	17 32 30	-21 54				845009
51128	ULIANOVSK, USSR	1071	8 17	15 26 30.3	20 04 00	2 30				845009
50974	IRKUTSK, USSR	1079	8 17	15 33 20.7	19 39 30	12 06				845009
50975	IRKUTSK, USSR	1079	8 17	15 34 22.7	20 26 24	16 00				845009
31976	ASAHIKAWA, JAPAN	0201	8 17	15 38 47.2	22 13 00	56 48				845002
31971	MITAKA, JAPAN	0229	8 17	15 38 55.1			319 36	29 12		845303
31972	MITAKA, JAPAN	0229	8 17	15 40 09.8			329 48	35 00		845303
31979	YATSUSHIRO, JAPAN	0272	8 17	15 40 35			0 00	32 24		845302
31977	KASHIWABARA, JAPAN	0222	8 17	15 41 45	23 30	87				845002
31973	MITAKA, JAPAN	0229	8 17	15 42 29.3			358 24	42 48		845303
31978	SAPPORO, JAPAN	0245	8 17	15 44 10	0 41	55				845002
31974	MITAKA, JAPAN	0229	8 17	15 44 20.5			25 54	42 06		845303
31975	MITAKA, JAPAN	0229	8 17	15 45 53.5			44 36	36 48		845303
10269	TOKYO-BN, JAPAN	9005	8 17	15 46 42.60	3 53 54	46 51				434013
31980	HIGASHIMATSUYAMA, JAP	0210	8 17	15 49 36.7	4 23	27 24				845002
30963	CAPETOWN, S.AFR.	0402	8 17	16 55 54.9			271 36	13 06		845302
30964	CAPETOWN, S.AFR.	0402	8 17	16 56 42.2			276 42	14 36		845302
30965	CAPETOWN, S.AFR.	0402	8 17	16 58 14.6			287 06	16 54		845302
30966	CAPETOWN, S.AFR.	0402	8 17	17 00 53.4			305 24	18 18		845302
32151	BANCROFT, N.RH.	0406	8 17	17 04 02.4			267 42	19 42		845304
32152	BANCROFT, N.RH.	0406	8 17	17 08 57.6			312 24	28 24		845304
32153	BANCROFT, N.RH.	0406	8 17	17 11 14.6			334 48	24 24		845304

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32154	BANCROFT, N.RH.	0406	8 17	17 15 08.2			359 42	12 31 48		845304
50976	EREVAN, USSR	1018	8 17	17 22 39.7	18 00 00	- 7 36				845009
50977	EREVAN, USSR	1018	8 17	17 22 48.9	18 06 00	- 6 42				845009
50971	ASHKHABAD, USSR	1006	8 17	17 26 08.8	17 40 00	24 36				845009
51129	ULIANOVSK, USSR	1071	8 17	17 27 23.3	16 53 00	18 30				845009
50972	ASHKHABAD, USSR	1006	8 17	17 27 29.6	18 50 00	37 12				845009
50978	EREVAN, USSR	1018	8 17	17 27 52.2	21 45 00	22 30				845009
50973	ASHKHABAD, USSR	1006	8 17	17 29 20.4	20 56 30	47 18				845009
51090	STALINABAD, USSR	1068	8 17	17 30 52.2	19 53 42	58 30				845009
51091	STALINABAD, USSR	1068	8 17	17 33 11.2	23 48 06	57 30				845009
51130	ULIANOVSK, USSR	1071	8 17	17 35 13.6	0 53 00	43 18				845009
10340	TOKYO-BN, JAPAN	9005	8 17	17 42 11.80	18 27 30	41 40				434013
31981	MITAKA, JAPAN	0229	8 17	17 45 52.2			314 54	45 18		845303
31989	YATSUSHIRO, JAPAN	0272	8 17	17 46 10			0 00	48 00		845302
31982	MITAKA, JAPAN	0229	8 17	17 47 50.0			329 36	65 18		845303
31983	MITAKA, JAPAN	0229	8 17	17 49 39.1			45 12	77 42		845303
31988	KASHIWABARA, JAPAN	0222	8 17	17 50 09	3 03	39				845002
31986	SENDAI, JAPAN	0246	8 17	17 50 11.6			129 18	78 48		845302
31984	MITAKA, JAPAN	0229	8 17	17 51 13.1			96 24	64 00		845303
31985	MITAKA, JAPAN	0229	8 17	17 52 52.9			108 36	47 24		845303
31987	IKOMA, JAPAN	0216	8 17	17 53 05	4 00	24				845002
51940	ATHENS, GREECE	2706	8 17	19 16 06.5			229 06	12 00		637309
51941	ATHENS, GREECE	2706	8 17	19 20 01.5			225 48	33 18		637309
51942	ATHENS, GREECE	2706	8 17	19 22 11.5			219 36	52 42		637309
51032	KRYM, USSR	1028	8 17	19 22 27.9	16 29 48	- 6 06				845009
50992	KIEV, USSR	1070	8 17	19 22 47.7	17 17 00	-13 00				845009
51033	KRYM, USSR	1028	8 17	19 22 56.3	16 39 12	- 4 00				845009
51039	KHARKOV, USSR	1060	8 17	19 24 26.9	17 23 48	- 6 42				845009
51040	KHARKOV, USSR	1060	8 17	19 24 39.0	17 27 30	- 5 54				845009
51041	KHARKOV, USSR	1060	8 17	19 24 43.1	17 31 18	- 5 18				845009
51943	ATHENS, GREECE	2706	8 17	19 24 44.0			172 36	79 42		637309
53018	BRNO, CZECH.	2720	8 17	19 24 48.2	19 51 12	- 3 30				737041
53019	BRNO, CZECH.	2720	8 17	19 25 20.8	20 10 00	- 1 06				737042
50981	ODESSA, USSR	1036	8 17	19 25 51.0	18 22 36	5 06				845009
51026	KIEV, USSR	1023	8 17	19 26 11.5	18 59 00	0 18				845009
50982	ODESSA, USSR	1036	8 17	19 26 15.6	18 37 30	7 18				845009
53020	BRNO, CZECH.	2720	8 17	19 26 17.0	20 45 24	2 52				734042
51944	ATHENS, GREECE	2706	8 17	19 27 16.5			70 00	55 00		637309
50993	KIEV, USSR	1070	8 17	19 27 33.1	19 58 00	6 30				845009
50996	DNEPROPETROVSK, USSR	1017	8 17	19 28 29.9	23 55 00	20 30				845009
50983	ODESSA, USSR	1036	8 17	19 28 41.0	20 36 30	21 00				845009
50987	STALINGRAD, USSR	1048	8 17	19 29 09.8	18 47 36	15 18				845009
51950	ATHENS, GREECE	2706	8 17	19 30 01.0			339 00	53 24		637309
51945	ATHENS, GREECE	2706	8 17	19 30 39.0			61 48	27 06		637309
50988	STALINGRAD, USSR	1048	8 17	19 31 27.6	21 10 36	29 54				845009
51092	STALINABAD, USSR	1068	8 17	19 32 38.1	16 42 48	48 06				845009
50989	STALINGRAD, USSR	1048	8 17	19 32 38.2	22 26 00	32 30				845009
51027	KIEV, USSR	1023	8 17	19 33 12.6	23 52 18	18 30				845009
51946	ATHENS, GREECE	2706	8 17	19 33 38.5			59 54	12 36		637309
50994	KIEV, USSR	1070	8 17	19 33 43.0	0 08 06	18 36				845009
50990	STALINGRAD, USSR	1048	8 17	19 33 52.9	23 33 12	30 36				845009
51003	ORENBURGH, USSR	1063	8 17	19 34 24.7	22 12 00	27 18				845009
51951	ATHENS, GREECE	2706	8 17	19 34 33.0			44 30	34 00		637309
51004	ORENBURGH, USSR	1063	8 17	19 34 47.5	22 37 00	27 18				845009
50984	ODESSA, USSR	1036	8 17	19 34 48.2	0 50 00	22 36				845009
51947	ATHENS, GREECE	2706	8 17	19 34 52.0			59 36	8 00		637309
51005	ORENBURGH, USSR	1063	8 17	19 35 09.5	22 57 00	27 06				845009
51131	ULIANOVSK, USSR	1071	8 17	19 37 07.1	23 22 30	68 48				845009
51093	STALINABAD, USSR	1068	8 17	19 37 32.6	1 12 36	72 18				845009
50991	STALINGRAD, USSR	1048	8 17	19 38 18.0	1 52 00	20 00				845009
51094	STALINABAD, USSR	1068	8 17	19 40 00.6	3 09 18	50 00				845009
51132	ULIANOVSK, USSR	1071	8 17	19 41 54.0	3 16 30	33 18				845009
30987	ADELAIDE, AUSTR.	8528	8 17	20 13 25.0	7 24	21 18				845042
30989	ADELAIDE, AUSTR.	8528	8 17	20 14 15.3	7 38	17 30				845042
50363	EL GULEA, ALG.	6411	8 17	21 21 00.0			298 00	47 00		845309
10227	SAN FERNANDO-BN, SP.	9004	8 17	21 21 50.10	18 00 24	24 56				434013
10228	SAN FERNANDO-BN, SP.	9004	8 17	21 22 38.10	18 44 42	32 12				434013
50364	EL GULEA, ALG.	6411	8 17	21 23 00.0			327 00	51 30		845309
51948	ATHENS, GREECE	2706	8 17	21 23 01.5			274 42	16 54		637309
10229	SAN FERNANDO-BN, SP.	9004	8 17	21 23 34.10	19 45 36	39 09				434013
50365	EL GULEA, ALG.	6411	8 17	21 25 00.0			3 54	45 12		845309
51949	ATHENS, GREECE	2706	8 17	21 26 44.0			292 24	36 30		637309
50985	ODESSA, USSR	1036	8 17	21 26 51.5	16 50 00	15 00				845009
50366	EL GULEA, ALG.	6411	8 17	21 27 00.0			23 12	33 18		845309
51010	RIGA, USSR	1040	8 17	21 27 11.5	16 52 30	- 2 48				845009
50367	EL GULEA, ALG.	6411	8 17	21 29 00.0			33 48	22 54		845309
51011	RIGA, USSR	1040	8 17	21 29 06.4	18 55 00	2 36				845009
50986	ODESSA, USSR	1036	8 17	21 29 17.5	17 44 06	27 42				845009
51034	KRYM, USSR	1028	8 17	21 29 32.6	17 25 00	31 48				845009
50368	EL GULEA, ALG.	6411	8 17	21 31 00.0			40 06	14 12		845309
51024	TARTU, USSR	1051	8 17	21 31 44.5	21 03 18	8 54				845009
51000	LVOV, USSR	1031	8 17	21 31 56.3	21 44 00	31 18				845009
51036	LVOV, USSR	1031	8 17	21 32 16.7	22 12 00	33 30				845009
51012	RIGA, USSR	1040	8 17	21 32 52.8	21 27 00	11 48				845009
51037	LVOV, USSR	1031	8 17	21 33 22.3	23 18 00	32 30				845009
51028	KIEV, USSR	1023	8 17	21 33 30.6	22 26 12	33 18				845009
51013	RIGA, USSR	1040	8 17	21 33 45.5	22 54	13 12				845009
51025	TARTU, USSR	1051	8 17	21 33 55.7	22 39 30	10 48				845009
51017	KAZAN, USSR	1076	8 17	21 34 31.7	20 36 00	16 12				845009
51001	LVOV, USSR	1031	8 17	21 34 43.2	0 26 30	28 18				845009
51029	KIEV, USSR	1023	8 17	21 35 42.0	0 23 24	28 36				845009
51952	ATHENS, GREECE	2706	8 17	21 36 58.0			56 06	21 18		637309
51038	LVOV, USSR	1031	8 17	21 37 58.0	2 00 30	18 12				845009
51018	KAZAN, USSR	1076	8 17	21 38 12.1	23 38 00	13 48				845009
50995	KIEV, USSR	1070	8 17	21 38 18.9	3 22 48	9 00				845009

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50997	DNEPROPETROVSK, USSR	1017	8 17	21 38 47.5	2 04	23 36				845009
51953	ATHENS, GREECE	2706	8 17	21 39 22.0			62 30	11 36		637309
51002	LVOV, USSR	1031	8 17	21 40 32.6	2 42 30	11 12				845009
50998	DNEPROPETROVSK, USSR	1017	8 17	21 41 01.4	2 48	15 00				845009
51006	ORENBURGH, USSR	1063	8 17	21 41 03.2	1 07 30	15 18				845009
51954	ATHENS, GREECE	2706	8 17	21 41 31.0			66 18	14 42		637309
51007	ORENBURGH, USSR	1063	8 17	21 41 45.5	1 32 00	12 12				845009
51035	KRYM, USSR	1028	8 17	21 41 54.2	3 23 06	16 24				845009
51095	STALINABAD, USSR	1068	8 17	21 42 28.9	0 46 00	56 48				845009
51133	ULIANOVSK, USSR	1071	8 17	21 43 41.6	1 42 00	37 24				845009
51096	STALINABAD, USSR	1068	8 17	21 45 48.3	3 19 42	28 00				845009
51134	ULIANOVSK, USSR	1071	8 17	21 46 08.3	3 08 30	17 54				845009
51135	ULIANOVSK, USSR	1071	8 17	21 47 47.7	3 43 30	7 48				845009
31421	PERTH, AUSTR.	0601	8 17	22 12 24.1			55 36	17 18		641302
31422	PERTH, AUSTR.	0601	8 17	22 16 46.9			93 48	8 24		641302
33196	SAN JUAN, ARG.	0812	8 17	22 54 49.5	11 51 24	9 30				845042
33917	SAN JUAN, ARG.	0812	8 17	22 55 47.2	12 11 12	14 36				845042
10270	AREQUIPA-BN, PERU	9007	8 17	23 03 52.88	15 29 00	44 33				434013
50369	EL GULEA, ALG.	6411	8 17	23 25 30.0			308 48	19 00		845309
50370	EL GULEA, ALG.	6411	8 17	23 27 30.0			323 00	24 36		845309
51955	ATHENS, GREECE	2706	8 17	23 29 19.1			300 06	16 18		637309
50371	EL GULEA, ALG.	6411	8 17	23 29 30.0			341 42	28 18		845309
51019	LVOV, USSR	1031	8 17	23 30 12.0	19 11 00	35 12				845009
51042	VILNIUS, USSR	1012	8 17	23 31 03.3	18 57 00	13 30				845009
50372	EL GULEA, ALG.	6411	8 17	23 31 30.0			2 00	28 12		845309
50373	EL GULEA, ALG.	6411	8 17	23 33 30.0			20 18	24 42		845309
51956	ATHENS, GREECE	2706	8 17	23 34 02.6			326 00	41 24		637309
51020	LVOV, USSR	1031	8 17	23 34 25.2	20 43 30	33 06				845009
50999	DNEPROPETROVSK, USSR	1017	8 17	23 34 30.2	19 27 30	28 18				845009
51030	KIEV, USSR	1023	8 17	23 34 34.8	20 09 54	27 24				845009
51022	TCHERNOVITSY, USSR	1062	8 17	23 35 07.9	22 43 00	44 30				845009
50374	EL GULEA, ALG.	6411	8 17	23 35 30.0			34 48	19 00		845309
51014	RIGA, USSR	1040	8 17	23 35 49.5	22 29 00	12 48				845009
51015	RIGA, USSR	1040	8 17	23 36 07.5	22 44	11 54				845009
51957	ATHENS, GREECE	2706	8 17	23 36 40.6			7 12	52 48		637309
50375	EL GULEA, ALG.	6411	8 17	23 37 30.0			45 00	13 06		845309
51021	LVOV, USSR	1031	8 17	23 37 45.3	3 00 00	4 00				845009
51043	VILNIUS, USSR	1012	8 17	23 38 00.1	0 03 00	13 06				845009
51016	RIGA, USSR	1040	8 17	23 38 28.0	0 23	7 06				845009
50376	EL GULEA, ALG.	6411	8 17	23 39 40.0			53 12	7 06		845309
51031	KIEV, USSR	1023	8 17	23 41 40.4	2 00 00	8 54				845009
51958	ATHENS, GREECE	2706	8 17	23 42 26.7			75 42	27 12		637309
51023	TCHERNOVITSY, USSR	1062	8 17	23 42 33.1	2 51 30	6 06				845009
51097	STALINABAD, USSR	1068	8 17	23 43 33.7	21 44 00	24 24				845009
10274	SHIRAZ-BN, IRAN	9008	8 17	23 44 46.00	1 34 12	59 51				834013
51008	ORENBURGH, USSR	1063	8 17	23 45 39.2	1 21 30	- 8 12				845009
51959	ATHENS, GREECE	2706	8 17	23 45 53.1			86 42	12 24		637309
10275	SHIRAZ-BN, IRAN	9008	8 17	23 46 06.00	2 53 06	47 35				834013
10276	SHIRAZ-BN, IRAN	9008	8 17	23 47 27.00	3 40 54	33 48				834013
50918	RIGA, USSR	1040	8 17	23 53 08.1	19 43 30	12 18				845009
10301	JUPITER-BN, FLA.	9010	8 18	1 07 59.73	14 46 00	-24 18				434023
31276	BILOXI, MISS.	0090	8 18	1 09 36.5			180	34 18		845302
30991	EDINBURG, TEX.	0066	8 18	1 10 40.6			121 30	36 15		845303
30995	STATE COLLEGE, PA.	0060	8 18	1 11 08.2			198 18	18 00		845302
30992	EDINBURG, TEX.	0066	8 18	1 12 13.3			103	33		845303
30998	PITTSBURGH, PA.	8571	8 18	1 13 02.3	17 21 36	-21 24				845043
30993	EDINBURG, TEX.	0066	8 18	1 13 41.8			89	27 45		845303
30994	EDINBURG, TEX.	0066	8 18	1 14 29.6			83 15	24 30		845303
30892	N. CANTON, OHIO	0053	8 18	1 14 40.1	18 26 00	-14 00				845043
10302	JUPITER-BN, FLA.	9010	8 18	1 15 03.79	18 54 24	31 46				434013
31291	TERRE HAUTE, IND.	8127	8 18	1 15 22.7			150	33 15		845302
30996	STATE COLLEGE, PA.	0060	8 18	1 15 33.1			168 36	40 36		845303
30806	ROCHESTER, N.Y.	8564	8 18	1 15 55.4	18 30	-10 54				845033
30893	N. CANTON, OHIO	8565	8 18	1 16 01.9	19 08 25	- 6 39				845043
30999	PITTSBURGH, PA.	8571	8 18	1 16 06.8	19 02 42	- 4 24				845042
52701	WESTFIELD-P, MASS.	5021	8 18	1 16 18	18 03 30	- 6 54				637007
32132	N. CANTON, OHIO	8591	8 18	1 16 31.0	19 16 00	- 5 30				845032
30390	ROANOKE, VA.	0073	8 18	1 16 54	19 48 18	28 33				845042
30807	ROCHESTER, N.Y.	8564	8 18	1 17 02.6	19 47 48	0 54				845034
30894	N. CANTON, OHIO	8544	8 18	1 17 03.0	19 51 10	0 30				845042
30997	STATE COLLEGE, PA.	0060	8 18	1 17 37.3			137 06	45 36		845303
52702	WESTFIELD-P, MASS.	5021	8 18	1 18 12	19 18 30	5				637007
31003	DAYTON, OHIO	8557	8 18	1 18 15.8			108 00	33 45		845303
31006	CINCINNATI, OHIO	8555	8 18	1 18 24.5			104 06	33 36		845302
31000	PITTSBURGH, PA.	8571	8 18	1 18 30.1	20 38 12	9 30				845042
31001	PITTSBURGH, PA.	8571	8 18	1 18 54.4	20 54 24	11 54				845043
31004	DAYTON, OHIO	8557	8 18	1 18 56.8			92 13	27 25		845303
30895	N. CANTON, OHIO	8565	8 18	1 18 59.5	21 04 50	10 00				845042
52728	PATERSON-P, N.J.	5022	8 18	1 19 36.0	20 40 36	16 30				637007
31011	CHICAGO, ILL.	0020	8 18	1 19 36.4	21 41	9 00				845042
52703	WESTFIELD-P, MASS.	5021	8 18	1 20 14	20 50	16 36				637007
52704	WESTFIELD-P, MASS.	5021	8 18	1 22 18	22 20 30	23 18				637007
31005	DAYTON, OHIO	8557	8 18	1 23 05.2			74 54	15 12		845303
30808	ROCHESTER, N.Y.	8564	8 18	1 23 25.2	23 03 04	19 27				845033
30809	ROCHESTER, N.Y.	8564	8 18	1 23 40.9	23 16 15	20 26				845042
10303	JUPITER-BN, FLA.	9010	8 18	1 24 08.89	0 38 12	38 31				434013
52429	ATHENS, GREECE	2706	8 18	1 33 46.2			300 42	13 00		637309
52430	ATHENS, GREECE	2706	8 18	1 36 52.2			300 00	28 42		637309
52431	ATHENS, GREECE	2706	8 18	1 40 10.2			295 48	56 12		637309
52432	ATHENS, GREECE	2706	8 18	1 42 47.2			204 00	84 30		637309
52433	ATHENS, GREECE	2706	8 18	1 49 10.2			128 42	26 18		637309
52434	ATHENS, GREECE	2706	8 18	1 53 46.2			127 48	6 54		637309
30865	ROANOKE, VA.	0073	8 18	2 34 25	0 30	62 06				845042
31293	CHINA LAKE, CAL.	0098	8 18	3 08 13			180 00 00	24 40 12		641303

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31015	SANTA MONICA, CAL.	0143	8 18	3 09 01			169 00	33 30		845302
31016	ALBUQUERQUE, N.M.	0041	8 18	3 09 23	15 55	-25 18				845044
31017	SAN ANTONIO, TEX.	0096	8 18	3 10 12.9	14 56 12	- 4 47				845042
31280	TUCSON, ARIZ.	0003	8 18	3 12 09.3			164 12	58 30		845303
31022	EDINBURG, TEX.	0066	8 18	3 12 14.3			270 30	47		845303
32749	WHITTIER, CAL.	8566	8 18	3 12 14.6			132	41 49 48		845303
31018	SAN ANTONIO, TEX.	0096	8 18	3 12 56.1	15 51 18	16 13				845042
31027	DAYTON, OHIO	8557	8 18	3 13 03.4			244 12	17 33		845303
31032	SAN DIEGO, CAL.	0133	8 18	3 13 09	19 52	7 18				845042
31037	ALBUQUERQUE, N.M.	8579	8 18	3 13 11.8			180 00	56 24		845302
31281	TUCSON, ARIZ.	0003	8 18	3 13 34.4			125 06	61 30		845303
31023	EDINBURG, TEX.	0066	8 18	3 14 58.0			327	60 15		845303
31282	DENVER, COLO.	8582	8 18	3 15 00			161 15 00	51 45 00		845303
31028	DAYTON, OHIO	8557	8 18	3 15 06.1			245 54	29 00		845303
52759	BETHPAGE-P, N.Y.	5075	8 18	3 15 07.03	15 22 54	0 00				637007
31024	EDINBURG, TEX.	0066	8 18	3 16 02			354	56		845303
10304	JUPITER-BN, FLA.	9010	8 18	3 16 03.87	14 34 54	34 00				434013
52760	BETHPAGE-P, N.Y.	5075	8 18	3 16 44.03	15 41 36	6 48				637007
31286	MILWAUKEE, WIS.	0074	8 18	3 16 51.4			222 30	44 18		641304
31283	DENVER, COLO.	8582	8 18	3 16 56			117 15 00	52 30 00		845303
32750	WHITTIER, CAL.	8566	8 18	3 17 07.1			79 15 00	24 42		845302
31025	EDINBURG, TEX.	0066	8 18	3 17 12.0			11 30	48		845303
31039	N. CANTON, OHIO	8565	8 18	3 17 39.8	16 51 42	10 14				845042
31019	SAN ANTONIO, TEX.	0096	8 18	3 17 53.0	19 13	55 50				845042
31026	EDINBURG, TEX.	0066	8 18	3 18 11.3			21	40 30		845303
31029	DAYTON, OHIO	8557	8 18	3 18 33.6			253 10	61 39		845303
50362	ST. LOUIS-P, MO.	5082	8 18	3 19 15.0	19 23 12	40 06				637007
31044	W. PALM BEACH, FLA.	0016	8 18	3 19 32			337	34		845303
31287	MILWAUKEE, WIS.	0074	8 18	3 19 48.4			173 12	73 18		641304
52705	WESTFIELD-P, MASS.	5021	8 18	3 20 18	16 52 30	25 36				637007
31007	CINCINNATI, OHIO	8555	8 18	3 20 30			333 06	81 24		845302
31040	N. CANTON, OHIO	8565	8 18	3 20 40.2	18 35	39 09				845043
32133	N. CANTON, OHIO	8591	8 18	3 20 45.0	18 35 12	40 50				845042
31289	DALLAS, TEX.	0129	8 18	3 20 49.1	23 14 09	52 54				845043
31012	CHICAGO, ILL.	0020	8 18	3 21 37.6	21 14	37 00				845042
30810	ROCHESTER, N.Y.	8564	8 18	3 21 38.7	18 46 56	36 53				845042
31013	CHICAGO, ILL.	0020	8 18	3 21 52.6	21 36	40 00				845042
31014	CHICAGO, ILL.	0020	8 18	3 21 55.6	21 39	40 45				845042
10305	JUPITER-BN, FLA.	9010	8 18	3 21 55.80	19 42 30	86 10				434013
31042	N. CANTON, OHIO	8565	8 18	3 22 07.8	20 32	49 06				845042
52761	BETHPAGE-P, N.Y.	5075	8 18	3 22 15.03	18 12 42	18 24				637007
31049	STATE COLLEGE, PA.	0060	8 18	3 22 15.2			338 24	77 42		845303
52706	WESTFIELD-P, MASS.	5021	8 18	3 22 16	18 10	42 48				637007
31041	N. CANTON, OHIO	8544	8 18	3 22 25.0	20 48 30	51 10				845032
31020	SAN ANTONIO, TEX.	0096	8 18	3 22 31.9	0 22 48	52 10				845042
31290	TERRE HAUTE, IND.	8127	8 18	3 22 50.2			58 15	49 15		845303
31045	W. PALM BEACH, FLA.	0016	8 18	3 23 05			9 30	27		845303
31021	SAN ANTONIO, TEX.	0096	8 18	3 23 06.9	0 39 15	50 14				845042
30811	ROCHESTER, N.Y.	8564	8 18	3 23 24.4	20 57 36	47 24				845033
31288	MILWAUKEE, WIS.	0074	8 18	3 23 54.0			76 12	44 06		641304
52707	WESTFIELD-P, MASS.	5021	8 18	3 24 17	20 53	56 18				637007
31050	N. CANTON, OHIO	8544	8 18	3 24 33.9	23 39	49 12				845042
31030	DAYTON, OHIO	8557	8 18	3 25 07.8			58 11	36 22		845303
30812	ROCHESTER, N.Y.	8564	8 18	3 25 28.2	23 34 18	45 36				845033
31046	W. PALM BEACH, FLA.	0016	8 18	3 25 35			26	19		845303
31002	PITTSBURGH, PA.	0059	8 18	3 25 52.9	18 17	71 24				845043
52762	BETHPAGE-P, N.Y.	5075	8 18	3 25 53.03	23 51 48	57 12				637007
52708	WESTFIELD-P, MASS.	5021	8 18	3 26 13	23 52	53 18				637007
52763	BETHPAGE-P, N.Y.	5075	8 18	3 26 26.03	0 29 54	54 18				637007
31043	N. CANTON, OHIO	8565	8 18	3 26 27.4	0 59	40 47				845042
30814	ROCHESTER, N.Y.	8585	8 18	3 27 06.0	0 53 18	39 02				845032
31055	N. CANTON, OHIO	8565	8 18	3 27 21.2	1 18 30	37 10				845042
31047	W. PALM BEACH, FLA.	0016	8 18	3 27 34			34 30	12		845303
52764	BETHPAGE-P, N.Y.	5075	8 18	3 28 03.03	1 35 18	45 12				637007
31031	DAYTON, OHIO	8557	8 18	3 28 30.2			60 41	18 06		845303
31048	W. PALM BEACH, FLA.	0016	8 18	3 28 32			38	9		845303
10306	JUPITER-BN, FLA.	9010	8 18	3 28 51.92	3 06 42	47 30				434013
52765	BETHPAGE-P, N.Y.	5075	8 18	3 31 42.03	2 44 12	29 00				637007
50377	EL GULEA, ALG.	6411	8 18	3 37 00.0			308 00	35 54		845309
50378	EL GULEA, ALG.	6411	8 18	3 39 00.0			308 48	54 00		845309
50379	EL GULEA, ALG.	6411	8 18	3 41 00.0			313 00	78 12		845309
50380	TAMANRASSET, ALG.	6412	8 18	3 43 00.0			334 00	42 18		845309
50381	TAMANRASSET, ALG.	6412	8 18	3 45 00.0			351 48	59 00		845309
50382	TAMANRASSET, ALG.	6412	8 18	3 45 59.0			45 12	70 06		845309
50383	TAMANRASSET, ALG.	6412	8 18	3 49 08.0			98 06	55 48		845309
50384	TAMANRASSET, ALG.	6412	8 18	3 51 11.0			112 30	40 18		845309
50385	TAMANRASSET, ALG.	6412	8 18	3 53 26.0			130 00	25 18		845309
50386	TAMANRASSET, ALG.	6412	8 18	3 54 54.0			124 00	14 18		845309
50387	TAMANRASSET, ALG.	6412	8 18	3 59 24.0			126 24	5 30		845309
31057	PORTLAND, ORE.	0076	8 18	5 10 28.0	16 02 30	-19 48				845041
31775	SACRAMENTO, CAL.	8517	8 18	5 13 59.5	16 46 54	10 23				641013
31034	SAN DIEGO, CAL.	0133	8 18	5 14 08	15 45	26 18				845042
31294	SAN JOSE, CAL.	8573	8 18	5 16 33.9	18 43 00	35 33				845042
31776	SACRAMENTO, CAL.	8517	8 18	5 16 42.2			180 00	85 28		641304
31058	PORTLAND, ORE.	0076	8 18	5 17 26.0	19 39 00	13 12				845042
31061	DAYTON, OHIO	8557	8 18	5 17 42.8			279 36	11 41		845303
31671	VAN NUYS, CAL.	0113	8 18	5 17 44.4	19 12 52	59 04				845043
31295	SAN JOSE, CAL.	8573	8 18	5 17 44.4	20 12 18	45 41				845002
31292	CHINA LAKE, CAL.	0098	8 18	5 17 58.8			0 00	69 43 12		641303
31035	SAN DIEGO, CAL.	0133	8 18	5 18 11	19 17	66 36				845042
31777	SACRAMENTO, CAL.	8517	8 18	5 18 18.7	20 44 54	43 31				641013
31066	ALBUQUERQUE, N.M.	0041	8 18	5 20 06	17 24	69				845033
31059	PORTLAND, ORE.	0076	8 18	5 20 16.7	22 04 54	24 54				845041
31038	ALBUQUERQUE, N.M.	8579	8 18	5 21 09.3			0 00	50 54		845302
31060	PORTLAND, ORE.	0076	8 18	5 21 45.9	23 12 00	25 48				845041

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31036	SAN DIEGO, CAL.	0133	8 18	5 21 47	0 50	58 18				845042
10307	JUPITER-BN, FLA.	9010	8 18	5 21 55.72	14 54 54	49 52				434013
31062	DAYTON, OHIO	8557	8 18	5 22 42.8			299 36	36 57		845303
32751	WHITTIER, CAL.	8566	8 18	5 22 44.0			334 42	66 18		845303
31296	SAN JOSE, CAL.	8573	8 18	5 23 38.6	1 07 22	37 23				845002
32752	WHITTIER, CAL.	8566	8 18	5 24 13.7			48 27 36	18 40 12		845304
31284	DENVER, COLO.	8582	8 18	5 24 23			45 45 00	44 30 00		845303
31277	BILOXI, MISS.	0090	8 18	5 25 28.5			360	28 06		845302
31285	DENVER, COLO.	8582	8 18	5 25 44			52 15 00	34 00 00		845303
31067	CHICAGO, ILL.	0020	8 18	5 25 44.6	21 28	66 52				845042
31068	CHICAGO, ILL.	0020	8 18	5 25 52.2	21 32	66 48				845042
31069	CHICAGO, ILL.	0020	8 18	5 25 55.4	21 42	66 42				845042
10308	JUPITER-BN, FLA.	9010	8 18	5 27 31.71	9 59 30	84 48				434013
31063	DAYTON, OHIO	8557	8 18	5 27 38.6			21 18	52 47		845303
30815	ROCHESTER, N.Y.	8585	8 18	5 29 14.9	0 14 18	59 08				845032
31064	DAYTON, OHIO	8557	8 18	5 29 18.6			44 44	43 06		845303
30813	ROCHESTER, N.Y.	8564	8 18	5 29 40.2	0 41	56 30				845042
10309	JUPITER-BN, FLA.	9010	8 18	5 32 19.69	4 38 54	53 06				434013
31065	DAYTON, OHIO	8557	8 18	5 32 21.2			64 06	25 12		845303
10316	MAUI-BN, HAWAII	9012	8 18	7 01 25.94	13 14 12	-12 06				434013
10317	MAUI-BN, HAWAII	9012	8 18	7 10 23.97	15 11 48	52 34				434013
10318	MAUI-BN, HAWAII	9012	8 18	7 18 41.68	1 29 42	59 43				434013
31071	PORTLAND, ORE.	0076	8 18	7 19 00.0	17 18 00	25 48				845042
52953	SPOKANE, WASH.	8142	8 18	7 19 58.7	21 16 48	44 43				845002
31072	PORTLAND, ORE.	0076	8 18	7 20 11.4	17 55 36	32 54				845041
31073	PORTLAND, ORE.	0076	8 18	7 20 53.9	18 35 06	39 42				845041
30816	MILWAUKEE, WIS.	0074	8 18	7 22 24.4			294 06	34 18		641304
31074	PORTLAND, ORE.	0076	8 18	7 22 32.8	20 29 00	45 30				845042
31778	SACRAMENTO, CAL.	8517	8 18	7 23 00.8	20 58 18	75 07				641013
31779	SACRAMENTO, CAL.	8517	8 18	7 23 01.6			0 00	53 04		641304
31672	VAN NUYS, CAL.	0113	8 18	7 23 49.6	21 40 45	86 08				845043
52954	SPOKANE, WASH.	8142	8 18	7 23 59.8	21 20 49	45 01				845002
31076	SAN DIEGO, CAL.	0133	8 18	7 24 16	0 15	88 30				845042
31278	PHOENIX, ARIZ.	8576	8 18	7 25 01.6	17 52	86 42				845003
31297	SAN JOSE, CAL.	8573	8 18	7 25 02.3	1 51 20	66 27				845002
31300	PHOENIX, ARIZ.	8576	8 18	7 25 20.2			0	35 09		845303
10310	JUPITER-BN, FLA.	9010	8 18	7 27 39.71	16 40 24	54 08				434013
31298	SAN JOSE, CAL.	8573	8 18	7 27 59.9	3 04 54	44 36				845042
31299	SAN JOSE, CAL.	8573	8 18	7 28 09.5	3 05 25	42 47				845002
31279	PHOENIX, ARIZ.	8576	8 18	7 31 01.5	4 06	43 08				845003
31075	PORTLAND, ORE.	0076	8 18	7 31 25.3	2 57 30	17 48				845042
52955	SPOKANE, WASH.	8142	8 18	7 31 57.8	21 28 48	45 55				845002
30817	MILWAUKEE, WIS.	0074	8 18	7 33 11.7			87 54	63 54		641304
31008	CINCINNATI, OHIO	0050	8 18	7 33 13	2 40 30	54 42				845044
31070	CHICAGO, ILL.	0020	8 18	7 34 08.2	2 15	47 45				845042
10311	JUPITER-BN, FLA.	9010	8 18	7 35 39.68	4 09 36	65 55				434013
31009	CINCINNATI, OHIO	0050	8 18	7 35 45	3 06 30	31 18				845044
31010	CINCINNATI, OHIO	0050	8 18	7 37 30	3 40 30	18 24				845044
30818	MILWAUKEE, WIS.	0074	8 18	7 40 24.2			104 54	13 18		641304
10312	JUPITER-BN, FLA.	9010	8 18	7 44 59.65	5 34 12	3 17				434013
31423	TOWNSVILLE, AUSTR.	8578	8 18	8 51 14.5			300 39	23 05		845302
10319	MAUI-BN, HAWAII	9012	8 18	9 12 40.47	14 04 36	40 08				434013
10320	MAUI-BN, HAWAII	9012	8 18	9 18 02.52	13 05 24	75 28				434013
10321	MAUI-BN, HAWAII	9012	8 18	9 23 28.32	4 32 12	67 01				434013
31302	VAN NUYS, CAL.	0113	8 18	9 29 10.1			0 08 24	43 52 12		845303
31077	PORTLAND, ORE.	0076	8 18	9 29 38.9	0 53 00	39				845041
31078	PORTLAND, ORE.	0076	8 18	9 33 45.4	3 06 00	13				845042
31079	PORTLAND, ORE.	0076	8 18	9 34 40.3	3 23 00	8 48				845041
10313	JUPITER-BN, FLA.	9010	8 18	9 34 47.85	20 28 18	44 50				434013
31056	N. CANTON, OHIO	8572	8 18	9 36 15.5	22 58 42	14 12				845042
10314	JUPITER-BN, FLA.	9010	8 18	9 41 35.84	1 47 30	22 03				434013
10315	JUPITER-BN, FLA.	9010	8 18	9 50 26.77	5 32 54	-31 10				434023
10271	AREQUIPA-BN, PERU	9007	8 18	9 53 32.34	6 00 12	36 33				434013
10272	AREQUIPA-BN, PERU	9007	8 18	9 54 46.10	6 23 00	28 56				434013
10277	VILLA DOLORES-BN,ARG	9011	8 18	9 56 38.70	5 42 18	39 46				434013
10278	VILLA DOLORES-BN,ARG	9011	8 18	9 59 15.66	6 33 12	28 18				434013
32753	ANTOFAGASTA, CHILE	0804	8 18	9 59 43.9	7 15 30	16 54				845002
10273	AREQUIPA-BN, PERU	9007	8 18	9 59 57.49	7 50 06	- 1 30				434013
33918	SAN JUAN, ARG.	0812	8 18	10 00 56.0	7 23 12	18 12				845042
32754	ANTOFAGASTA, CHILE	0804	8 18	10 01 17.4	7 56 00	4 54				845002
33919	SAN JUAN, ARG.	0812	8 18	10 02 10.0	7 44 00	12 42				845042
10279	VILLA DOLORES-BN,ARG	9011	8 18	10 02 46.37	7 39 36	11 42				434013
31455	PERTH, AUSTR.	0601	8 18	10 44 56.3			295 00	12 36		641304
31456	PERTH, AUSTR.	0601	8 18	10 46 38.1			306 30	13 14		641302
31457	PERTH, AUSTR.	0601	8 18	10 47 23.8			311 00	12 50		641302
31458	PERTH, AUSTR.	0601	8 18	10 48 02.1			316 05	12 36		641302
31459	PERTH, AUSTR.	0601	8 18	10 48 35.5			319 50	11 44		641302
31460	QUEZON CITY, PH.IS.	0500	8 18	11 00 45			323	51		845302
31998	YATSUSHIRO, JAPAN	0272	8 18	11 01 45			208 00	29 30		845302
31997	TAKADA, JAPAN	0250	8 18	11 03 30	15 57	-18				845002
31999	YATSUSHIRO, JAPAN	0272	8 18	11 04 40			180 00	50 00		845302
31991	KONKO, JAPAN	0224	8 18	11 05 52.0	17 46	27 00				845002
31994	KASHIWABARA, JAPAN	0222	8 18	11 06 20	17 35	5				845002
31993	YOKKAICHI, JAPAN	0258	8 18	11 06 46	17 46	7				845002
32000	MIZUSAWA, JAPAN	0267	8 18	11 07 00			201 24	46 00		845302
31461	QUEZON CITY, PH.IS.	0500	8 18	11 07 31			37	51		845302
31995	KANAYA MACHI, JAPAN	0220	8 18	11 08 32	19 33	27				845002
31462	QUEZON CITY, PH.IS.	0500	8 18	11 09 32			39	29		845302
31992	IKOMA, JAPAN	0216	8 18	11 10 34	20 55	41				845002
31996	SAPPORO, JAPAN	0245	8 18	11 10 41	19 40	12				845002
31990	ASAHIKAWA, JAPAN	0201	8 18	11 10 57.8	19 41 12	11 24				845002
31463	QUEZON CITY, PH.IS.	0500	8 18	11 11 10			40	26		845302
31464	QUEZON CITY, PH.IS.	0500	8 18	11 12 35			40	18		845302
10322	MAUI-BN, HAWAII	9012	8 18	11 23 03.76	15 24 12	72 56				434013
10323	MAUI-BN, HAWAII	9012	8 18	11 28 27.18	6 34 06	76 58				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
31080	PORTLAND, ORE.	0076	8 18	11 32 09.1	23 05 30	16 12				845041
10324	MAUI-BN, HAWAII	9012	8 18	11 33 17.63	5 18 42	40 59				434013
31301	PHOENIX, ARIZ.	8576	8 18	11 39 12.1			180	62 16		845303
31303	VAN NUYS, CAL.	0113	8 18	11 43 39.5	4 38 15	-19 45				845043
31465	QUEZON CITY, PH.IS.	0500	8 18	13 06 08			328	21		845302
31466	QUEZON CITY, PH.IS.	0500	8 18	13 07 41			341	20		845302
32010	MIZUSAWA, JAPAN	0267	8 18	13 08 00			267 48	18 30		845302
31467	QUEZON CITY, PH.IS.	0500	8 18	13 08 11			345	19		845302
31468	QUEZON CITY, PH.IS.	0500	8 18	13 09 43			4	16		845302
32007	TAKADA, JAPAN	0250	8 18	13 09 56	15 40	27				845002
51044	BLAGOVESTCHENSK,USSR	1010	8 18	13 12 24.7	19 38 00	11 48				845009
32005	KANAYA MACHI, JAPAN	0220	8 18	13 12 43	16 48	65				845002
32004	KASHIWABARA, JAPAN	0222	8 18	13 13 02	16 56	66				845002
32008	YATSUSHIRO, JAPAN	0272	8 18	13 13 06			0 00	44 48		845302
32006	SAPPORO, JAPAN	0245	8 18	13 13 46	17 53	40				845002
32003	KONKO, JAPAN	0224	8 18	13 13 53.4	19 50	75 12				845002
32001	ASAHIKAWA, JAPAN	0201	8 18	13 14 28.6	18 22 30	42 30				845002
51045	BLAGOVESTCHENSK,USSR	1010	8 18	13 15 03.9	21 54 00	21 00				845009
32002	SENDAI, JAPAN	0246	8 18	13 15 24.6			350 18	58 18		845302
32009	HIGASHIMATSUYAMA,JAP	0210	8 18	13 16 17	21 19	79				845002
10325	MAUI-BN, HAWAII	9012	8 18	13 26 36.46	16 32 00	57 33				434013
10326	MAUI-BN, HAWAII	9012	8 18	13 38 54.28	5 13 48	25 22				434013
10292	NAINI TAL-BN, INDIA	9006	8 18	15 00 33.13	15 26 42	3 16				434013
10293	NAINI TAL-BN, INDIA	9006	8 18	15 03 45.96	17 22 54	35 37				434013
10294	NAINI TAL-BN, INDIA	9006	8 18	15 06 36.57	20 45 30	54 30				434013
51055	IRKUTSH, USSR	1079	8 18	15 09 10.6	19 40 00	12 18				845009
51056	IRKUTSH, USSR	1079	8 18	15 11 56.3	17 55 48	0 42				845009
51057	BLAGOVESTCHENSK,USSR	1010	8 18	15 14 21.8	18 18 00	22 12				845009
32016	KANAYA MACHI, JAPAN	0220	8 18	15 16 21	15 55	58				845002
32015	YOKKAICHI, JAPAN	0258	8 18	15 17 09	16 29	62				845002
32019	YATSUSHIRO, JAPAN	0272	8 18	15 18 44			0 00	32 18		845302
51058	BLAGOVESTCHENSK,USSR	1010	8 18	15 18 46.2	22 33 00	35 06				845009
32013	KONKO, JAPAN	0224	8 18	15 19 22.5	22 05	86 30				845002
32017	SAPPORO, JAPAN	0245	8 18	15 20 43	21 37	62				845002
32020	MIZUSAWA, JAPAN	0267	8 18	15 22 00			18 18	55 00		845302
32018	TAKADA, JAPAN	0250	8 18	15 22 12	2 31	68				845002
32012	SENDAI, JAPAN	0246	8 18	15 23 22.2			39 30	47 48		845302
32011	ASAHIKAWA, JAPAN	0201	8 18	15 23 37.5	0 22 30	52 48				845002
32014	SUWA, JAPAN	0248	8 18	15 23 44	3 30	55				845002
10327	MAUI-BN, HAWAII	9012	8 18	15 38 34.77	21 35 00	37 07				434013
10280	OLIFANTSFNTN-BN,S.AF	9002	8 18	16 39 01.90	11 11 06	1 42				434013
32155	PRETORIA, S.AFR.	8575	8 18	16 40 50.2			288 54	14 54		845302
10281	OLIFANTSFNTN-BN,S.AF	9002	8 18	16 43 14.40	12 28 36	24 07				434013
32156	PRETORIA, S.AFR.	8575	8 18	16 43 31.5			308 24	15 36		845302
32276	BANCROFT, N.RH.	0406	8 18	16 44 13.6			281 25 12	27 18		845304
32277	BANCROFT, N.RH.	0406	8 18	16 45 16.2			291 43 48	29 36		845304
10282	OLIFANTSFNTN-BN,S.AF	9002	8 18	16 46 58.40	13 45 06	44 21				434013
32278	BANCROFT, N.RH.	0406	8 18	16 47 55.8			320 03 36	29 54		845304
10295	SHIRAZ-BN, IRAN	9008	8 18	17 01 48.00	15 55 48	21 19				834013
10296	SHIRAZ-BN, IRAN	9008	8 18	17 04 23.00	17 57 48	48 51				834013
51114	TASHKENT, USSR	1075	8 18	17 05 31.5	16 40 00	16 00				845009
10297	SHIRAZ-BN, IRAN	9008	8 18	17 05 47.00	19 54 06	58 04				834013
51115	TASHKENT, USSR	1075	8 18	17 07 51.5	18 14 00	36 06				845009
51071	ABAKAN, USSR	1001	8 18	17 12 00.0	19 38 30	17 12				845009
51116	TASHKENT, USSR	1075	8 18	17 12 21.2	23 46 30	46 48				845009
51072	ABAKAN, USSR	1001	8 18	17 15 22.4	22 39 18	22 30				845009
32021	ASAHIKAWA, JAPAN	0201	8 18	17 21 19.0	19 37 30	30 06				845002
32024	TAKADA, JAPAN	0250	8 18	17 28 26	2 15	34				845002
32025	MIZUSAWA, JAPAN	0267	8 18	17 30 00			126 00	55 54		845302
32022	KONKO, JAPAN	0224	8 18	17 30 14.5	4 00	17 00				845002
32023	SUWA, JAPAN	0248	8 18	17 30 22	3 41	19				845002
52435	ATHENS, GREECE	2706	8 18	18 54 40.7			226 42	13 12		637309
52436	ATHENS, GREECE	2706	8 18	18 57 57.2			223 06	30 42		637309
52437	ATHENS, GREECE	2706	8 18	18 59 39.7			218 42	43 42		637309
51061	TBILISI, USSR	1053	8 18	19 02 29.2	18 20 00	44 12				845009
52438	ATHENS, GREECE	2706	8 18	19 03 05.2			141 18	76 36		637309
52499	KHANIA, CRETE	8112	8 18	19 03 15	18 43	34 00				845009
52504	LARISSA, GREECE	8113	8 18	19 03 30	19 40	25 48				845009
51098	NIKOLAEV, USSR	1077	8 18	19 04 12.8	18 22 42	5 18				845009
52505	LARISSA, GREECE	8113	8 18	19 04 40	21 03	31 00				845009
52500	KHANIA, CRETE	8112	8 18	19 04 50	20 40	44 00				845009
51084	DNEPROPETROVSK, USSR	1017	8 18	19 05 06.0	18 38	8 54				845009
51079	EREVAN, USSR	1018	8 18	19 05 42.1	16 49 30	32 30				845009
51099	NIKOLAEV, USSR	1077	8 18	19 06 15.7	19 57 48	7 06				845009
52506	LARISSA, GREECE	8113	8 18	19 06 45	22 40	32 00				845009
51059	SVERDLOVSK, USSR	1045	8 18	19 06 48.2	18 29 24	3 36				845009
51085	DNEPROPETROVSK, USSR	1017	8 18	19 07 17.2	20 18	17 42				845009
52439	ATHENS, GREECE	2706	8 18	19 07 27.7			65 24	36 18		637309
51080	EREVAN, USSR	1018	8 18	19 08 18.9	19 22 24	55 54				845009
52507	LARISSA, GREECE	8113	8 18	19 08 45	0 16	30 30				845009
51088	KAZAN, USSR	1076	8 18	19 08 54.7	19 37 00	6 12				845009
51060	SVERDLOVSK, USSR	1045	8 18	19 09 07.9	19 53 42	10 00				845009
51089	KAZAN, USSR	1076	8 18	19 09 31.2	20 03 30	8 30				845009
51100	NIKOLAEV, USSR	1077	8 18	19 09 48.7	22 57 06	25 54				845009
52501	KHANIA, CRETE	8112	8 18	19 10 28	1 10	36 00				845009
52440	ATHENS, GREECE	2706	8 18	19 10 32.7			61 12	17 54		637309
51066	ASTRAKHAN, USSR	1005	8 18	19 10 45.4	20 20 00	38 24				845009
51117	TASHKENT, USSR	1075	8 18	19 12 34.6	17 53 30	56 36				845009
51062	TBILISI, USSR	1053	8 18	19 12 59.6	1 30 30	38 48				845009
51101	NIKOLAEV, USSR	1077	8 18	19 13 02.6	0 39 36	22 30				845009
52441	ATHENS, GREECE	2706	8 18	19 13 58.2			59 30	5 00		637309
51068	ABAKAN, USSR	1001	8 18	19 14 11.3	18 53 36	15 48				845009
51069	ABAKAN, USSR	1001	8 18	19 15 30.0	19 37 30	16 00				845009
51081	EREVAN, USSR	1018	8 18	19 15 33.3	2 13 30	34 00				845009
51070	ABAKAN, USSR	1001	8 18	19 21 42.7	0 28 30	10 12				845009

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32138	MONTEVIDEO,URUGUAY	8568	8 18	19 26			180	37		845302
51067	ABAKAN, USSR	1001	8 18	19 28 45.1	1 04 00	20 00				845009
32026	TAKADA, JAPAN	0250	8 18	19 28 46	22 35	13				845002
32027	YATSUSHIRO, JAPAN	0272	8 18	19 33 05			180 00	56 30		845302
32028	KAGOSHIMA, JAPAN	0218	8 18	19 36 10.2	3 37 24	-17 24				845002
32139	MONTEVIDEO,URUGUAY	8568	8 18	19 52			0	76		845302
31673	SYDNEY, AUSTR.	0602	8 18	19 55 22	8 10	8				845042
32140	MONTEVIDEO,URUGUAY	8568	8 18	19 58			0	20		845302
10283	SAN FERNANDO-BN, SP.	9004	8 18	21 00 40.80	18 26 24	28 03				434013
10284	SAN FERNANDO-BN, SP.	9004	8 18	21 00 56.80	18 42 00	30 20				434013
52442	ATHENS, GREECE	2706	8 18	21 00 57.3			272 24	15 54		637309
10285	SAN FERNANDO-BN, SP.	9004	8 18	21 01 04.80	18 49 54	31 25				434013
52443	ATHENS, GREECE	2706	8 18	21 04 21.3			286 36	34 30		637309
51109	TARTU, USSR	1051	8 18	21 04 37.7	17 47 00	- 3 48				845009
31304	BERLIN, GER.	0700	8 18	21 04 52.1			202 18	40 06		845303
51075	ROSTOV NA DONU, USSR	1041	8 18	21 05 33.5	16 25 30	12 36				845009
31305	BERLIN, GER.	0700	8 18	21 06 03.9			187 24	47 12		845303
51107	PULKOVO, USSR	1039	8 18	21 06 27.3	18 29 00	1 36				845009
51111	KRYM, USSR	1028	8 18	21 06 35.2	16 41 36	23 42				845009
51112	KRYM, USSR	1028	8 18	21 06 50.6	16 48 12	25 12				845009
51102	NIKOLAEV, USSR	1077	8 18	21 06 52.6	16 32 42	12 00				845009
52508	LARISSA, GREECE	8113	8 18	21 07 00	17 43	56 30				845009
52502	KHANIA, CRETE	8112	8 18	21 07 15	16 15	65 30				845009
31306	BERLIN, GER.	0700	8 18	21 07 46.4			156 12	51 54		845303
31307	BERLIN, GER.	0700	8 18	21 08 15.7			146 30	51 18		845303
52444	ATHENS, GREECE	2706	8 18	21 08 16.3			340 06	54 24		637309
51073	LENINGRAD, USSR	1030	8 18	21 08 54.1	19 52	3 48				845009
51103	NIKOLAEV, USSR	1077	8 18	21 09 01.0	18 33 06	35 48				845009
51086	DNEPROPETROVSK, USSR	1017	8 18	21 09 42.9	18 48 00	32 30				845009
31308	BERLIN, GER.	0700	8 18	21 10 06.1			117 30	43 18		845303
51082	EREVAN, USSR	1018	8 18	21 10 25.6	16 54 30	47 30				845009
51064	VOLOGDA, USSR	1014	8 18	21 10 34.2	19 52 18	7 06				845009
51104	NIKOLAEV, USSR	1077	8 18	21 10 43.7	20 29 00	45 36				845009
52509	LARISSA, GREECE	8113	8 18	21 11 00	0 45	59 00				845009
51110	TARTU, USSR	1051	8 18	21 11 09.6	21 40 00	10 00				845009
51076	ROSTOV NA DONU, USSR	1041	8 18	21 11 31.1	20 56 00	47 06				845009
52503	KHANIA, CRETE	8112	8 18	21 11 45	2 00	65 00				845009
51105	NIKOLAEV, USSR	1077	8 18	21 13 03.5	23 37 30	43 54				845009
51074	LENINGRAD, USSR	1030	8 18	21 13 22.9	22 47 00	7 54				845009
52510	LARISSA, GREECE	8113	8 18	21 13 35	2 15	41 48				845009
51083	EREVAN, USSR	1018	8 18	21 14 04.4	21 55 00	73 18				845009
52445	ATHENS, GREECE	2706	8 18	21 14 11.8			52 12	25 42		637309
51087	DNEPROPETROVSK, USSR	1017	8 18	21 14 46.8	0 30 00	34 36				845009
51065	VOLOGDA, USSR	1014	8 18	21 15 16.1	23 11 06	8 42				845009
51113	KRYM, USSR	1028	8 18	21 15 26.9	1 00 18	45 06				845009
51118	TASHKENT, USSR	1075	8 18	21 15 29.1	18 26 00	41 42				845009
51106	NIKOLAEV, USSR	1077	8 18	21 16 00.6	1 45 00	29 00				845009
51108	PULKOVO, USSR	1039	8 18	21 17 02.5	0 46 00	4 36				845009
52446	ATHENS, GREECE	2706	8 18	21 17 07.3			61 06	12 54		637309
51063	ODESSA, USSR	1036	8 18	21 18 00.0	2 31 54	21 12				845009
51077	ROSTOV NA DONU, USSR	1041	8 18	21 18 03.0	1 34 00	35 06				845009
52447	ATHENS, GREECE	2706	8 18	21 19 19.8			65 06	5 36		637309
51078	ROSTOV NA DONU, USSR	1041	8 18	21 21 31.7	3 15 00	7 30				845009
51119	TASHKENT, USSR	1075	8 18	21 22 45.5	2 11 30	31 18				845009
51122	ROSTOV NA DONU, USSR	1041	8 18	22 03 19.8	1 39 18	0 24				845009
51126	ROSTOV NA DONU, USSR	1041	8 18	22 03 33.4	17 00 00	0 42				845009
51125	ROSTOV NA DONU, USSR	1041	8 18	22 05 44.8	18 13 42	13 18				845009
51124	ROSTOV NA DONU, USSR	1041	8 18	22 08 57.1	21 09 00	24 30				845009
51123	ROSTOV NA DONU, USSR	1041	8 18	22 12 22.6	0 03 00	28 42				845009
10373	VILLA DOLORES-BN,ARG	9011	8 18	22 38 05.76	13 07 42	34 30				434013
10374	VILLA DOLORES-BN,ARG	9011	8 18	22 40 32.58	14 00 48	45 27				434013
50324	MEUDON, FRANCE	2715	8 18	23 02 19.1			256 43	19 19		637109
50325	MEUDON, FRANCE	2715	8 18	23 03 16.2			256 06	24 28		637109
50326	MEUDON, FRANCE	2715	8 18	23 04 13.8			255 14	30 30		637109
50327	MEUDON, FRANCE	2715	8 18	23 05 31.1			253 19	40 21		637109
50328	MEUDON, FRANCE	2715	8 18	23 06 12.7			251 38	46 41		637109
10286	SAN FERNANDO-BN, SP.	9004	8 18	23 06 29.50	18 01 18	72 41				434013
52448	ATHENS, GREECE	2706	8 18	23 06 30.4			296 54	12 24		637309
10287	SAN FERNANDO-BN, SP.	9004	8 18	23 06 37.50	18 17 06	73 47				434013
10288	SAN FERNANDO-BN, SP.	9004	8 18	23 07 01.50	19 20 06	76 36				434013
50329	MEUDON, FRANCE	2715	8 18	23 07 05.9			248 02	55 59		637109
50330	MEUDON, FRANCE	2715	8 18	23 08 01.3			240 01	66 56		637109
50331	MEUDON, FRANCE	2715	8 18	23 09 10.5			221 11	79 40		637109
50332	MEUDON, FRANCE	2715	8 18	23 10 25.4			116 59	73 59		637109
52511	LARISSA, GREECE	8113	8 18	23 10 50	17 43	56 30				845009
50333	MEUDON, FRANCE	2715	8 18	23 11 16.7			102 18	63 46		637109
50334	MEUDON, FRANCE	2715	8 18	23 12 12.5			96 04	53 19		637109
52449	ATHENS, GREECE	2706	8 18	23 12 47.4			332 42	44 30		637309
50335	MEUDON, FRANCE	2715	8 18	23 13 12.8			92 45	43 35		637109
50336	MEUDON, FRANCE	2715	8 18	23 14 28.3			90 36	33 43		637109
50337	MEUDON, FRANCE	2715	8 18	23 15 10.9			89 47	29 00		637109
52450	ATHENS, GREECE	2706	8 18	23 15 23.4			17 36	51 48		637309
52512	LARISSA, GREECE	8113	8 18	23 15 32	1 23	60 48				845009
50338	MEUDON, FRANCE	2715	8 18	23 16 08.6			89 03	23 29		637109
50339	MEUDON, FRANCE	2715	8 18	23 17 03.8			88 34	18 53		637109
52513	LARISSA, GREECE	8113	8 18	23 17 40	3 00	40 48				845009
50340	MEUDON, FRANCE	2715	8 18	23 18 09.8			88 09	14 05		637109
52514	LARISSA, GREECE	8113	8 18	23 20 21	3 35	28 00				845009
52451	ATHENS, GREECE	2706	8 18	23 22 04.9			80 00	19 42		637309
51120	TASHKENT, USSR	1075	8 18	23 22 49.8	22 59 30	12 18				845009
10298	SHIRAZ-BN, IRAN	9008	8 18	23 23 01.00	1 40 30	60 34				834013
52452	ATHENS, GREECE	2706	8 18	23 23 54.9			85 00	12 30		637309
52766	BETHPAGE-P, N.Y.	5075	8 18	23 24 41.03	22 00 00	61 18				637007
51121	TASHKENT, USSR	1075	8 18	23 27 52.3	1 27 00	- 9 42				845009
10358	JUPITER-BN, FLA.	9010	8 19	0 44 43.52	14 08 48	-31 36				434023

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10359	JUPITER-BN, FLA.	9010	8 19	0 50 32.22	16 18 48	0 48				434013
31081	N. CANTON, OHIO	0053	8 19	0 51 27.6	17 33	-22 23				845043
10299	CURACAO-BN, N.W.I.	9009	8 19	0 51 29.72	14 05 24	49 18				434013
31086	FT. BELVOIR, VA.	0077	8 19	0 52 41.0			180 00	38 00		845302
31090	ROCHESTER, N.Y.	8585	8 19	0 53 11.9	17 56 45	-16 51				845032
31469	CINCINNATI, OHIO	8555	8 19	0 54 09.7			135 00	36 24		845302
31082	N. CANTON, OHIO	8559	8 19	0 55 00.8	19 28 30	- 3 15				845042
31087	FT. BELVOIR, VA.	0077	8 19	0 55 05.0	19 45	9 42				845042
10300	CURACAO-BN, N.W.I.	9009	8 19	0 55 12.17	16 31 30	78 50				434013
31092	ROANOKE, VA.	0073	8 19	0 55 42	19 48	6 57				845042
51393	WASHINGTON, D.C.	8006	8 19	0 56 09	19 46	9 45				845042
30886	SILVER SPRING, MD	0032	8 19	0 56 13.4	19 48 30	10 00				845042
31096	ROCHESTER, N.Y.	8564	8 19	0 56 53.8	19 56	2 24				845031
31095	ROCHESTER, N.Y.	8564	8 19	0 57 12.6	20 12 15	4 15				845033
31309	STATE COLLEGE, PA.	0060	8 19	0 58 41.6			109 12	39 24		845303
10360	JUPITER-BN, FLA.	9010	8 19	1 01 08.662	23 57 12	39 23				434013
50343	MEUDON, FRANCE	2715	8 19	1 08 06.0			275 29	24 14		637109
50344	MEUDON, FRANCE	2715	8 19	1 09 08.4			273 34	30 55		637109
50341	MEUDON, FRANCE	2715	8 19	1 06 56.6			276 55	18 15		637109
50342	MEUDON, FRANCE	2715	8 19	1 07 17.3			276 34	19 55		637109
50345	MEUDON, FRANCE	2715	8 19	1 10 08.0			270 52	37 42		637109
50346	MEUDON, FRANCE	2715	8 19	1 11 20.7			265 20	47 59		637109
50347	MEUDON, FRANCE	2715	8 19	1 12 16.7			257 32	57 04		637109
52453	ATHENS, GREECE	2706	8 19	1 13 13.5			301 06	18 42		637309
50348	MEUDON, FRANCE	2715	8 19	1 13 16.8			240 27	66 55		637109
50349	MEUDON, FRANCE	2715	8 19	1 14 03.5			213 46	72 14		637109
50350	MEUDON, FRANCE	2715	8 19	1 15 03.0			170 05	70 56		637109
50351	MEUDON, FRANCE	2715	8 19	1 16 07.6			142 25	61 40		637109
52454	ATHENS, GREECE	2706	8 19	1 17 00.0			300 30	43 18		637309
50352	MEUDON, FRANCE	2715	8 19	1 17 10.2			131 00	51 35		637109
50353	MEUDON, FRANCE	2715	8 19	1 18 32.7			123 46	39 45		637109
50354	MEUDON, FRANCE	2715	8 19	1 19 07.2			121 55	35 31		637109
50355	MEUDON, FRANCE	2715	8 19	1 20 17.1			119 17	28 02		637109
50356	MEUDON, FRANCE	2715	8 19	1 21 16.9			117 45	22 35		637109
52455	ATHENS, GREECE	2706	8 19	1 21 45.5			134 36	77 48		637309
50357	MEUDON, FRANCE	2715	8 19	1 22 08.3			116 45	18 31		637109
50358	MEUDON, FRANCE	2715	8 19	1 23 09.4			115 51	14 07		637109
50359	MEUDON, FRANCE	2715	8 19	1 24 09.6			115 09	10 19		637109
50360	MEUDON, FRANCE	2715	8 19	1 25 09.7			114 36	6 49		637109
50361	MEUDON, FRANCE	2715	8 19	1 26 08.0			114 10	3 46		637109
52456	ATHENS, GREECE	2706	8 19	1 27 39.0			125 54	24 36		637309
52457	ATHENS, GREECE	2706	8 19	1 31 08.0			125 54	9 30		637309
31094	ROANOKE, VA.	0073	8 19	2 12 20	23 52 18	58 40				845042
31097	CHINA LAKE, CAL.	0098	8 19	2 46 03.4			180 00 00	21 51 36		641303
31310	PUEBLA, MEX.	0900	8 19	2 47 27.5	13 54 18	11 41				845003
31314	PHOENIX, ARIZ.	8576	8 19	2 48 42.3			180	39 59		845303
31099	EDINBURG, TEX.	0066	8 19	2 48 59.8			254 30	37 15		845303
31104	TUCSON, ARIZ.	0003	8 19	2 49 12.8			180 00	48 06		845303
31105	TUCSON, ARIZ.	0003	8 19	2 49 40.9			174 06	51 18		845303
31106	TUCSON, ARIZ.	0003	8 19	2 50 07.5			166 06	53 42		845303
31100	EDINBURG, TEX.	0066	8 19	2 50 11			263 30	46 45		845303
32755	WHITTIER, CAL.	8566	8 19	2 50 23.3			132 00 00	39 10 12		845303
31101	EDINBURG, TEX.	0066	8 19	2 50 50.5			271 30	48 15		845303
10361	JUPITER-BN, FLA.	9010	8 19	2 51 05.49	13 59 48	12 09				434013
31474	ALBUQUERQUE, N.M.	8579	8 19	2 51 08.1			180 00	52 00		845302
31107	SAN DIEGO, CAL.	0133	8 19	2 51 42	19 51	7 14				845042
50388	LAREDO-RADAR, TEX.	4012	8 19	2 53 22.5			341 54	69 42	1610	895307
31111	SAN ANTONIO, TEX.	0096	8 19	2 53 53.6	17 40 06	43 20				845042
32756	WHITTIER, CAL.	8566	8 19	2 54 49.1			84 00 00	26 00 00		845303
31102	EDINBURG, TEX.	0066	8 19	2 55 03.0			11	51 45		845303
31112	DALLAS, TEX.	0129	8 19	2 55 04.1	18 28 45	40 57				845043
31114	FT. WORTH, TEX.	0139	8 19	2 55 47.2	18 22 06	38 24				845043
31103	EDINBURG, TEX.	0066	8 19	2 55 56.2			20 15	44 45		845303
31115	FT. WORTH, TEX.	0139	8 19	2 57 01.6	19 50 00	48 00				845043
31085	N. CANTON, OHIO	8565	8 19	2 57 24.2	17 10 20	24 04				845033
31316	CHATTANOOGA, TENN.	0035	8 19	2 57 58			330	66		845302
10362	JUPITER-BN, FLA.	9010	8 19	2 57 59.61	15 12 30	67 54				434013
31317	BALTIMORE, MD.	0088	8 19	2 58 06	12 28	24 15				845041
31318	COLUMBUS, OHIO	0051	8 19	2 58 37.8	18 35	39 42				845042
31470	CINCINNATI, OHIO	8555	8 19	2 58 41.3			332 00	83 54		845302
31113	DALLAS, TEX.	0129	8 19	2 58 53.7	22 56 00	50 57				845043
31083	N. CANTON, OHIO	0053	8 19	2 59 00.2	18 35	39 48				845041
31084	N. CANTON, OHIO	8572	8 19	2 59 00.6	18 38	40 54				845042
31116	N. CANTON, OHIO	8536	8 19	2 59 01	18 35	38 42				641042
31051	N. CANTON, OHIO	8544	8 19	2 59 09.0	18 40	40 42				845042
31477	DAYTON, OHIO	8557	8 19	2 59 13.2			32 18	82 36		845303
31319	COLUMBUS, OHIO	0051	8 19	2 59 16.8			0	84 30		845303
31088	FT. BELVOIR, VA.	0077	8 19	2 59 44.0	18 03	51 18				845041
31091	ROCHESTER, N.Y.	8585	8 19	2 59 54.5	18 44 30	37 00				845032
31120	PITTSBURGH, PA.	8571	8 19	3 00 13	19 27	50 12				845041
31121	PITTSBURGH, PA.	8571	8 19	3 00 16	19 42 24	50 12				845044
31093	ROANOKE, VA.	0073	8 19	3 00 18	19 19 35	60 58				845042
31089	FT. BELVOIR, VA.	0077	8 19	3 00 54.4			0 00	67 48		845302
31117	N. CANTON, OHIO	8565	8 19	3 03 04.1	23 34	46 08				845033
31478	DAYTON, OHIO	8557	8 19	3 03 34.8			59 30	34 30		845303
30887	SILVER SPRING, MD	0032	8 19	3 04 13.6	0 31	53 00				845042
31479	DAYTON, OHIO	8557	8 19	3 04 32.4			60 48	28 00		845303
10363	JUPITER-BN, FLA.	9010	8 19	3 06 27.79	2 44 24	49 43				434013
31119	PITTSBURGH, PA.	0059	8 19	3 07 27.2	1 49 54	32 54				845043
31480	DAYTON, OHIO	8557	8 19	3 09 53.0			62 30	5 00		845303
50389	MEUDON, FRANCE	2715	8 19	3 12 01.4			275 37	17 19		637109
50390	MEUDON, FRANCE	2715	8 19	3 13 06.1			270 38	21 47		637109
50391	MEUDON, FRANCE	2715	8 19	3 14 07.3			264 44	25 53		637109
50392	MEUDON, FRANCE	2715	8 19	3 15 11.9			256 51	30 20		637109
50393	MEUDON, FRANCE	2715	8 19	3 16 02.7			249 14	33 35		637109

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50394	MEUDON, FRANCE	2715	8 19	3 17 13.6			236 24	37 07		637109
50395	MEUDON, FRANCE	2715	8 19	3 18 01.4			226 35	38 30		637109
10289	SAN FERNANDO-BN, SP.	9004	8 19	3 19 10.20	0 37 00	40 46				434013
10290	SAN FERNANDO-BN, SP.	9004	8 19	3 19 18.20	0 45 18	39 44				434013
50396	MEUDON, FRANCE	2715	8 19	3 19 18.9			210 01	38 24		637109
10291	SAN FERNANDO-BN, SP.	9004	8 19	3 19 34.20	1 01 06	37 33				434013
50397	MEUDON, FRANCE	2715	8 19	3 20 16.7			198 28	36 33		637109
50398	MEUDON, FRANCE	2715	8 19	3 21 12.7			188 43	33 41		637109
50399	MEUDON, FRANCE	2715	8 19	3 22 04.7			181 04	30 29		637109
50400	MEUDON, FRANCE	2715	8 19	3 23 13.7			172 56	25 53		637109
50401	MEUDON, FRANCE	2715	8 19	3 24 10.7			167 36	22 04		637109
50402	MEUDON, FRANCE	2715	8 19	3 25 02.2			163 36	18 48		637109
50403	MEUDON, FRANCE	2715	8 19	3 26 10.3			159 20	14 39		637109
50404	MEUDON, FRANCE	2715	8 19	3 27 15.4			156 01	10 58		637109
50405	MEUDON, FRANCE	2715	8 19	3 28 00.7			154 03	8 34		637109
50406	MEUDON, FRANCE	2715	8 19	3 29 11.8			151 25	4 58		637109
31320	SAN JOSE, CAL.	8573	8 19	4 48 43.4	15 20 44	- 9 13				845002
31108	SAN DIEGO, CAL.	0133	8 19	4 52 30	15 39	26 30				845042
30916	WALNUT CREEK, CAL.	8556	8 19	4 52 41.9	16 16 45	14 18				845003
32029	SACRAMENTO, CAL.	8517	8 19	4 54 45.5			180 00	81 47		641304
31321	SAN JOSE, CAL.	8573	8 19	4 54 56.0	18 52 00	36 36				845042
32757	WHITTIER, CAL.	8566	8 19	4 55 12.4			334 00 00	69 01 48		845303
30917	WALNUT CREEK, CAL.	8556	8 19	4 55 19.4	19 17 00	37 24				845003
31122	EDINBURG, TEX.	8581	8 19	4 55 47			310	19 15		845302
31324	VAN NUYS, CAL.	0113	8 19	4 55 48.8	18 54 46	56 16				845043
31127	PORTLAND, ORE.	0076	8 19	4 55 51.8	19 38 00	12 54				845041
52956	SPOKANE, WASH.	8142	8 19	4 55 56.4	18 56 38	9 08				845002
31098	CHINA LAKE, CAL.	0098	8 19	4 56 03.2			0 00	72 53 24		641303
31322	SAN JOSE, CAL.	8573	8 19	4 56 27.2	20 39 59	45 28				845002
32030	SACRAMENTO, CAL.	8517	8 19	4 56 46.9	20 50 12	41 54				641013
31132	DENVER, COLO.	8582	8 19	4 57 20.0			283 15 00	59 15 00		845303
31315	PHOENIX, ARIZ.	8576	8 19	4 57 43.15			0	52 49		845303
31123	EDINBURG, TEX.	8581	8 19	4 58 13.6			330	23 45		845302
31475	ALBUQUERQUE, N.M.	8579	8 19	4 59 15.7			0 00	52 18		845302
10364	JUPITER-BN, FLA.	9010	8 19	4 59 28.27	14 39 18	45 37				434013
31109	SAN DIEGO, CAL.	0133	8 19	4 59 32	0 10	59 36				845042
31128	PORTLAND, ORE.	0076	8 19	4 59 51.6	22 47 00	24 54				845041
31129	PORTLAND, ORE.	0076	8 19	4 59 55.3	22 51 18	25 30				845041
31471	CINCINNATI, OHIO	0050	8 19	5 00 00			294 30	32 00		845302
31130	PORTLAND, ORE.	0076	8 19	5 00 18.2	23 04 00	25 12				845042
31134	FT. WORTH, TEX.	0139	8 19	5 00 26.6	16 19 00	76 00				845043
31124	EDINBURG, TEX.	8581	8 19	5 00 34.4			350	24 20		845302
31133	DENVER, COLO.	8582	8 19	5 00 57.0			32 00 00	59 45 00		845303
32758	WHITTIER, CAL.	8566	8 19	5 01 23.8			46 57 00	23 39 00		845303
31135	WICHITA, KAN.	0028	8 19	5 01 38.9	20 19 43	74 04				845043
31136	WICHITA, KAN.	0028	8 19	5 01 41.2	20 27 02	74 13				845043
31323	SAN JOSE, CAL.	8573	8 19	5 02 37.7	1 07 22	35 17				845002
31125	EDINBURG, TEX.	8581	8 19	5 02 52.6			10	20 35		845302
31137	BILOXI, MISS.	0090	8 19	5 03 38.5			0	28 42		845302
31131	PORTLAND, ORE.	0076	8 19	5 05 04.8	1 05 00	20 30				845042
10365	JUPITER-BN, FLA.	9010	8 19	5 05 38.75	9 54 00	84 44				434013
31126	EDINBURG, TEX.	8581	8 19	5 06 09.6			30	12 30		845302
31481	DAYTON, OHIO	8557	8 19	5 08 30.4			76 06	7 00		845303
10366	JUPITER-BN, FLA.	9010	8 19	5 11 34.21	4 23 36	48 48				434013
31325	SAN JOSE, CAL.	8573	8 19	6 55 22.8	15 28 05	29 14				845002
10375	MAUI-BN, HAWAII	9012	8 19	6 55 58.20	0 49 24	62 48				434013
52957	SPOKANE, WASH.	8142	8 19	6 57 43.9	21 01 08	43 52				845002
31140	PORTLAND, ORE.	0076	8 19	6 59 24.6	18 38 00	40				845042
31330	WALNUT CREEK, CAL.	8556	8 19	7 00 15.4	18 21 00	71 30				845003
31328	WALNUT CREEK, CAL.	8556	8 19	7 00 16.8	18 24	72 00				845001
31141	PORTLAND, ORE.	0076	8 19	7 00 25.0	19 50 00	46				845042
31142	PORTLAND, ORE.	0076	8 19	7 00 42.4	20 15 12	48 48				845041
32031	SACRAMENTO, CAL.	8517	8 19	7 01 11.3			0 00	53 40		641304
31143	PORTLAND, ORE.	0076	8 19	7 01 17.2	21 05 00	50 42				845041
31329	WALNUT CREEK, CAL.	8556	8 19	7 01 51.4	23 12	75 42				845001
31348	VAN NUYS, CAL.	0113	8 19	7 02 00.4	21 34 17	85 55				845043
32032	SACRAMENTO, CAL.	8517	8 19	7 02 02.1	23 06 42	72 54				641013
32759	WHITTIER, CAL.	8566	8 19	7 02 09.7			1 06 00	37 24 00		845303
52958	SPOKANE, WASH.	8142	8 19	7 02 13.7			180 00	86 50 24		845302
31110	SAN DIEGO, CAL.	0133	8 19	7 02 26	0 00	88 30				845042
31326	SAN JOSE, CAL.	8573	8 19	7 03 33.4	1 51 20	63 21				845002
31144	PORTLAND, ORE.	0076	8 19	7 04 24.2	0 50 00	40				845041
31145	EDINBURG, TEX.	8581	8 19	7 05 26.6			350	19 30		845303
31150	W. PALM BEACH, FLA.	0016	8 19	7 06 25			238	13 30		845303
31146	EDINBURG, TEX.	8581	8 19	7 06 33.4			0	21		845303
31166	WICHITA, KAN.	0028	8 19	7 06 57.8	22 27 36	77 52				845043
31167	WICHITA, KAN.	0028	8 19	7 06 58.5	22 28 42	77 49				845043
31168	WICHITA, KAN.	0028	8 19	7 06 59.6	22 33 43	77 47				845043
31327	SAN JOSE, CAL.	8573	8 19	7 07 21.7	3 05 25	38 47				845002
10367	JUPITER-BN, FLA.	9010	8 19	7 07 56.67	16 41 06	65 51				434013
31147	EDINBURG, TEX.	8581	8 19	7 08 55.1			20	21 30		845303
31138	BILOXI, MISS.	0090	8 19	7 08 57.5			0	32 30		845302
31151	W. PALM BEACH, FLA.	0016	8 19	7 09 52			347	25		845303
31148	EDINBURG, TEX.	8581	8 19	7 10 18.3			30	20 15		845303
52959	SPOKANE, WASH.	8142	8 19	7 11 34.4	21 12 16	45 25				845002
31482	DAYTON, OHIO	8557	8 19	7 11 59.2			59 09	63 39		845303
31152	W. PALM BEACH, FLA.	0016	8 19	7 12 54			15 30	32		845303
31149	EDINBURG, TEX.	8581	8 19	7 13 16.3			50	14 30		845303
31118	N. CANTON, OHIO	8559	8 19	7 13 24.9	2 07 12	34 48				845003
31483	DAYTON, OHIO	8557	8 19	7 14 33.6			86 58	42 00		845303
31484	DAYTON, OHIO	8557	8 19	7 15 01.4			91 33	38 24		845303
31472	CINCINNATI, OHIO	0050	8 19	7 16 27			98 30	28 00		845302
31153	W. PALM BEACH, FLA.	0016	8 19	7 16 50			55 30	28		845303
10368	JUPITER-BN, FLA.	9010	8 19	7 16 53.51	4 39 42	39 32				434013
10369	JUPITER-BN, FLA.	9010	8 19	7 23 31.69	5 23 24	2 58				434013

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31154	W. PALM BEACH, FLA.	0016	8 19	7 23 42			89 30	8		845309
31169	PORTLAND, ORE.	0076	8 19	9 05 33.0	1 53 00	28 24				845042
32033	SACRAMENTO, CAL.	8517	8 19	9 06 29.3			0 00	55 55		641304
32034	SACRAMENTO, CAL.	8517	8 19	9 06 50.9	23 38 36	70 43				641013
31349	VAN NUYS, CAL.	0113	8 19	9 07 18	23 09	82 01				845043
31350	SAN JOSE, CAL.	8573	8 19	9 07 57.2	1 51 20	65 27				845002
31170	PORTLAND, ORE.	0076	8 19	9 08 04.5	0 54 00	38 12				845041
31171	PORTLAND, ORE.	0076	8 19	9 08 22.5	21 42 30	50				845042
31351	SAN JOSE, CAL.	8573	8 19	9 09 34.7	3 06 01	48 57				845002
10370	JUPITER-BN, FLA.	9010	8 19	9 11 13.52	19 21 00	43 40				434013
52752	ROCHESTER-P, N.Y.	5050	8 19	9 11 57.5	21 13 48	16 39				637007
52753	ROCHESTER-P, N.Y.	5050	8 19	9 12 51.1	21 42 18	14 36				637007
31311	PUEBLA, MEX.	0900	8 19	9 13 33.2	2 20 30	83 35				845003
31473	CINCINNATI, OHIO	0050	8 19	9 15 16			235 18	58 18		845302
31172	FT. WORTH, TEX.	0139	8 19	9 15 39.0	1 37 00	43 00				845043
31139	BILOXI, MISS.	0090	8 19	9 16 15			0	75 24		845302
31213	N. CANTON, OHIO	8572	8 19	9 19 19.1	1 45 24	-11 10				845032
10371	JUPITER-BN, FLA.	9010	8 19	9 19 47.86	1 44 00	24 44				434013
31173	FT. WORTH, TEX.	0139	8 19	9 20 07.0	4 25 00	1 42				845043
31312	PUEBLA, MEX.	0900	8 19	9 20 21.4	5 22 48	28 40				845003
10372	JUPITER-BN, FLA.	9010	8 19	9 28 33.15	5 21 30	-29 21				434023
33920	SAN JUAN, ARG.	0812	8 19	9 36 06.5	6 21 00	32 30				845042
33921	SAN JUAN, ARG.	0812	8 19	9 39 10.6	7 11 00	18 36				845042
31485	PERTH, AUSTR.	0601	8 19	10 21 08.1			281 05	12 24		641302
31486	PERTH, AUSTR.	0601	8 19	10 23 56.1			300 02	14 28		641304
31487	PERTH, AUSTR.	0601	8 19	10 25 32.7			311 40	14 06		641302
31488	PERTH, AUSTR.	0601	8 19	10 27 31.3			324 55	12 01		641302
31489	PERTH, AUSTR.	0601	8 19	10 31 02.8			344 00	5 40		641302
32059	YOKKAICHI, JAPAN	0258	8 19	10 42 10	16 00	-15				845002
32058	KONKO, JAPAN	0224	8 19	10 43 44.0	17 27 30	- 3 30				845002
32062	TAKADA, JAPAN	0250	8 19	10 47 05	18 53	16				845002
32061	KANAYA MACHI, JAPAN	0220	8 19	10 49 09	20 43	32				845002
32060	KASHIWABARA, JAPAN	0222	8 19	10 49 10	21 14	33				845002
32057	ASAHIKAWA, JAPAN	0201	8 19	10 53 40.2	22 47 30	24 24				845002
31174	PORTLAND, ORE.	0076	8 19	11 10 38.2	23 08 00	16 12				845041
31175	PORTLAND, ORE.	0076	8 19	11 11 19.8	0 03 00	10				845041
31313	PUEBLA, MEX.	0900	8 19	11 13 01.8	22 22 30	40 14				845003
32035	SACRAMENTO, CAL.	8517	8 19	11 13 19.2	0 47 54	22 22				641013
32036	SACRAMENTO, CAL.	8517	8 19	11 13 30.7	0 57 54	20 47				641013
31176	ALBUQUERQUE, N.M.	0041	8 19	11 13 51.7	22 55 30	24 18				845033
31476	ALBUQUERQUE, N.M.	8579	8 19	11 19 34.7			180 00	42 48		845302
32067	KANAYA MACHI, JAPAN	0220	8 19	12 48 19	15 20	38				845002
32068	TAKADA, JAPAN	0250	8 19	12 48 22	15 32	27				845002
32066	KASHIWABARA, JAPAN	0222	8 19	12 51 15	17 00	65				845002
32065	YOKKAICHI, JAPAN	0258	8 19	12 51 41	17 27	68				845002
32064	KONKO, JAPAN	0224	8 19	12 52 04.5	19 50	73 54				845002
32063	ASAHIKAWA, JAPAN	0201	8 19	12 53 50.6	19 36 00	50 06				845002
32069	YATSUSHIRO, JAPAN	0272	8 19	12 54 04			30 00	31 30		845302
10341	NAINI TAL-BN, INDIA	9006	8 19	14 47 02.15	22 45 30	50 43				434013
32072	KANAYA MACHI, JAPAN	0220	8 19	14 54 39	15 40	59				845002
32073	TAKADA, JAPAN	0250	8 19	14 56 20	16 57	65				845002
32074	YATSUSHIRO, JAPAN	0272	8 19	14 56 54			0 00	32 42		845302
32070	KONKO, JAPAN	0224	8 19	14 57 35.0	22 30	86 42				845002
32071	KASHIWABARA, JAPAN	0222	8 19	14 58 08	21 30	87				845002
32075	ASAHIKAWA, JAPAN	0201	8 19	15 01 35.0	0 10 42	47 06				845002
32076	YOKKAICHI, JAPAN	0258	8 19	15 02 40	3 38	48				845002
10342	SHIRAZ-BN, IRAN	9008	8 19	16 40 57.00	17 08 30	39 05				434013
51172	ABAKAN, USSR	1001	8 19	16 49 06.6	23 00 00	20 36				845009
51173	ABAKAN, USSR	1001	8 19	16 51 31.2	19 36 00	17 30				845009
51174	ABAKAN, USSR	1001	8 19	16 55 14.9	18 01 54	7 42				845009
32078	YATSUSHIRO, JAPAN	0272	8 19	17 02 22			0 00	45 00		845302
32077	KONKO, JAPAN	0224	8 19	17 04 30.0	1 50	59 12				845002
52458	ATHENS, GREECE	2706	8 19	18 38 53.0			207 06	53 54		637309
51159	ROSTOV NA DONU, USSR	1041	8 19	18 40 50.6	16 26 00	12 06				845009
52459	ATHENS, GREECE	2706	8 19	18 41 08.0			148 24	73 18		637309
51138	ODESSA, USSR	1036	8 19	18 41 57.6	18 05 24	2 24				845009
51154	DNEPROPETROVSK, USSR	1017	8 19	18 42 47.5	18 03 42	2 30				845009
51140	EREVAN, USSR	1018	8 19	18 44 47.9	17 15 30	39 30				845009
51141	EREVAN, USSR	1018	8 19	18 45 48.3	18 14 00	49 06				845009
51160	ROSTOV NA DONU, USSR	1041	8 19	18 46 11.0	19 58 00	45 48				845009
50884	MOSCOW, USSR	1034	8 19	18 46 55.8	20 28 18	4 48				845009
50885	MOSCOW, USSR	1034	8 19	18 47 37.1	20 55 30	6 48				845009
51149	KAZAN, USSR	1020	8 19	18 47 54.2	19 52 30	7 18				845009
51161	ROSTOV NA DONU, USSR	1041	8 19	18 48 00.4	21 45 00	29 36				845009
51150	KAZAN, USSR	1020	8 19	18 48 03.3	19 56 48	8 18				845009
10343	SHIRAZ-BN, IRAN	9008	8 19	18 48 23.84	15 38 00	86 06				434013
52460	ATHENS, GREECE	2706	8 19	18 48 31.5			62 00	18 42		637309
50886	MOSCOW, USSR	1034	8 19	18 50 19.7	22 43 30	10 48				845009
51170	ORENBURGH, USSR	1063	8 19	18 50 32.9	21 26 30	25 54				845009
51139	ODESSA, USSR	1036	8 19	18 50 39.4	0 15 54	22 30				845009
51142	EREVAN, USSR	1018	8 19	18 50 39.8	0 42 30	47 42				845009
52461	ATHENS, GREECE	2706	8 19	18 50 56.5			60 12	8 48		637309
51171	ORENBURGH, USSR	1063	8 19	18 50 58.0	21 50 00	26 12				845009
50887	MOSCOW, USSR	1034	8 19	18 51 04.3	23 07 48	11 06				845009
51162	ROSTOV NA DONU, USSR	1041	8 19	18 52 53.8	0 53 00	23 12				845009
51167	ABAKAN, USSR	1001	8 19	18 54 20.9	19 44 30	18 54				845009
51168	ABAKAN, USSR	1001	8 19	18 54 43.8	19 54 00	19 00				845009
51169	ABAKAN, USSR	1001	8 19	18 58 17.8	23 02 30	16 18				845009
32141	MONTEVIDEO,URUGUAY	8568	8 19	19 15			0	70		845302
32158	ADELAIDE, AUSTR.	8528	8 19	19 31 11	7 17 30	17 06				845042
50407	MEUDON, FRANCE	2715	8 19	20 34 39.2			219 19	10 31		637109
50408	MEUDON, FRANCE	2715	8 19	20 35 06.0			218 22	12 11		637109
50409	MEUDON, FRANCE	2715	8 19	20 36 09.5			215 37	16 33		637109
50469	EL GULEA, ALG.	6411	8 19	20 37 00			271 18	40 00		845309
50410	MEUDON, FRANCE	2715	8 19	20 37 08.6			212 24	21 03		637109

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10331	SAN FERNANDO-BN, SP.	9004	8 19	20 38 12.70	17 43 36	19 32				434013
50411	MEUDON, FRANCE	2715	8 19	20 38 13.6			207 44	26 35		637109
52462	ATHENS, GREECE	2706	8 19	20 38 41.0			269 42	13 18		637309
50470	EL GULEA, ALG.	6411	8 19	20 39 00			297 48	53 00		845309
50412	MEUDON, FRANCE	2715	8 19	20 39 06.2			202 39	31 32		637109
50413	MEUDON, FRANCE	2715	8 19	20 40 18.9			192 54	38 44		637109
50471	EL GULEA, ALG.	6411	8 19	20 41 00			343 54	55 00		845309
50414	MEUDON, FRANCE	2715	8 19	20 41 07.5			183 44	43 25		637109
52463	ATHENS, GREECE	2706	8 19	20 42 00.5			281 48	31 00		637309
50415	MEUDON, FRANCE	2715	8 19	20 42 05.5			169 12	47 58		637109
51163	ROSTOV NA DONU, USSR	1041	8 19	20 42 51.0	16 00 00	8 18				845009
50472	EL GULEA, ALG.	6411	8 19	20 43 00			15 42	43 00		845309
53021	BRNO, CZECH.	2720	8 19	20 43 10.7	17 54 00	11 06				739041
50416	MEUDON, FRANCE	2715	8 19	20 43 30.5			142 44	50 04		637109
31352	BERLIN, GER.	0700	8 19	20 43 42.7			193 12	43 06		845303
50417	MEUDON, FRANCE	2715	8 19	20 44 08.3			131 04	48 45		637109
31353	BERLIN, GER.	0700	8 19	20 44 43.3			178 24	48 06		845303
50473	EL GULEA, ALG.	6411	8 19	20 45 00			29 54	30 06		845309
50418	MEUDON, FRANCE	2715	8 19	20 45 02.0			116 49	45 06		637109
51147	VOLOGDA, USSR	1014	8 19	20 45 12.9	18 00 06	0 24				845009
31354	BERLIN, GER.	0700	8 19	20 45 50.8			157 54	50 24		845303
50419	MEUDON, FRANCE	2715	8 19	20 46 02.2			104 46	39 36		637109
52464	ATHENS, GREECE	2706	8 19	20 46 21.0			338 12	55 24		637309
53022	BRNO, CZECH.	2720	8 19	20 46 37.4	20 53 18	27 36				737041
50888	MOSCOW, USSR	1034	8 19	20 46 42.4	18 24 00	8 12				845009
31355	BERLIN, GER.	0700	8 19	20 46 54.7			138 06	48 54		845303
50474	EL GULEA, ALG.	6411	8 19	20 47 00			38 42	19 30		845309
50420	MEUDON, FRANCE	2715	8 19	20 47 20.8			94 02	32 00		637109
51155	DNEPROPETROVSK, USSR	1017	8 19	20 47 30.1	18 19 30	29 42				845009
50889	MOSCOW, USSR	1034	8 19	20 47 54.0	19 04 30	11 42				845009
51144	PULKOVO, USSR	1039	8 19	20 47 54.4	20 00 30	4 48				845009
50421	MEUDON, FRANCE	2715	8 19	20 48 02.1			90 00	28 11		637109
31356	BERLIN, GER.	0700	8 19	20 48 15.5			118 18	42 30		845303
51143	ODESSA, USSR	1036	8 19	20 48 18.6	19 44 30	44 48				845009
51164	ROSTOV NA DONU, USSR	1041	8 19	20 48 46.6	18 32 36	38 00				845009
50475	EL GULEA, ALG.	6411	8 19	20 49 00			42 24	11 18		845309
51157	KAZAN, USSR	1076	8 19	20 49 02.9	19 26 30	14 24				845009
51156	DNEPROPETROVSK, USSR	1017	8 19	20 49 04.4	19 48 00	38 36				845009
50422	MEUDON, FRANCE	2715	8 19	20 49 13.2			84 44	22 15		637109
51146	LENINGRAD, USSR	1030	8 19	20 49 39.8	20 31 36	5 48				845009
50476	EL GULEA, ALG.	6411	8 19	20 50 00			44 12	8 12		845309
50423	MEUDON, FRANCE	2715	8 19	20 50 05.0			81 50	18 18		637109
50890	MOSCOW, USSR	1034	8 19	20 50 06.1	20 44 30	16 48				845009
51151	KAZAN, USSR	1020	8 19	20 50 06.3	19 27 06	14 24				845009
53023	BRNO, CZECH.	2720	8 19	20 50 58.9	0 23 52	24 30				734042
52465	ATHENS, GREECE	2706	8 19	20 51 20.3			47 24	31 06		637309
51158	KAZAN, USSR	1076	8 19	20 52 19.7	21 10 12	17 12				845009
51165	ROSTOV NA DONU, USSR	1041	8 19	20 52 30.1	20 34 36	44 36				845009
50891	MOSCOW, USSR	1034	8 19	20 52 38.0	22 53 48	16 30				845009
51152	KAZAN, USSR	1020	8 19	20 52 57.8	21 44 12	17 18				845009
51145	PULKOVO, USSR	1039	8 19	20 53 59.4	23 57 00	6 24				845009
52466	ATHENS, GREECE	2706	8 19	20 54 50.0			59 36	14 30		637309
51148	VOLOGDA, USSR	1014	8 19	20 56 02.9	0 37 30	4 42				845009
50892	MOSCOW, USSR	1034	8 19	20 56 15.1	1 02 12	9 00				845009
50893	MOSCOW, USSR	1034	8 19	20 56 20.4	1 04 00	8 54				845009
51153	KAZAN, USSR	1020	8 19	20 57 17.6	0 46 48	7 48				845009
51166	ROSTOV NA DONU, USSR	1041	8 19	21 00 06.9	2 55 12	9 54				845009
50424	MEUDON, FRANCE	2715	8 19	22 40 28.5			255 15	19 09		637109
50425	MEUDON, FRANCE	2715	8 19	22 41 11.6			254 46	22 59		637109
31490	GLASGOW, SCOT.	0651	8 19	22 41 27.4			223 06	24 12		845302
50426	MEUDON, FRANCE	2715	8 19	22 42 07.4			253 56	28 33		637109
50427	MEUDON, FRANCE	2715	8 19	22 43 01.3			252 47	34 52		637109
31491	GLASGOW, SCOT.	0651	8 19	22 44 18.0			203 36	38 42		845302
50428	MEUDON, FRANCE	2715	8 19	22 44 18.1			249 59	45 49		637109
50477	EL GULEA, ALG.	6411	8 19	22 45 00			338 12	28 42		845309
50429	MEUDON, FRANCE	2715	8 19	22 45 00.4			247 16	52 58		637109
52467	ATHENS, GREECE	2706	8 19	22 46 02.6			300 18	17 06		637309
50430	MEUDON, FRANCE	2715	8 19	22 46 17.9			235 39	68 06		637109
31357	BERLIN, GER.	0700	8 19	22 46 38.3			243 48	47 12		845303
31492	GLASGOW, SCOT.	0651	8 19	22 46 50.9			159 06	47 12		845302
53081	BRATISLAVA-P, CZECH.	5702	8 19	22 46 52.8	17 46 00	27 36				634042
50478	EL GULEA, ALG.	6411	8 19	22 47 00			359 48	28 48		845309
50431	MEUDON, FRANCE	2715	8 19	22 47 15.0			203 51	78 29		637109
50432	MEUDON, FRANCE	2715	8 19	22 48 09.3			135 04	77 52		637109
31358	BERLIN, GER.	0700	8 19	22 48 19.1			226 54	55 30		845303
53024	BRNO, CZECH.	2720	8 19	22 48 19.3	18 56 30	32 42				843040
53082	BRATISLAVA-P, CZECH.	5702	8 19	22 48 36.8	18 54 18	36 30				634042
50479	EL GULEA, ALG.	6411	8 19	22 49 00			18 00	25 12		845309
50433	MEUDON, FRANCE	2715	8 19	22 49 03.3			107 18	67 53		637109
31493	GLASGOW, SCOT.	0651	8 19	22 49 23.7	23 02 30	15 00				845040
50434	MEUDON, FRANCE	2715	8 19	22 50 07.9			96 58	55 31		637109
53025	BRNO, CZECH.	2720	8 19	22 50 29.0	21 16 30	39 30				843040
31359	BERLIN, GER.	0700	8 19	22 50 43.6			162 42	64 12		845303
50480	EL GULEA, ALG.	6411	8 19	22 51 00			32 18	19 18		845309
50435	MEUDON, FRANCE	2715	8 19	22 51 07.9			92 52	45 26		637109
50436	MEUDON, FRANCE	2715	8 19	22 52 01.5			90 50	37 55		637109
52468	ATHENS, GREECE	2706	8 19	22 52 06.6			350 48	49 30		637309
31494	GLASGOW, SCOT.	0651	8 19	22 52 17.0			105 36	24 42		845302
31360	BERLIN, GER.	0700	8 19	22 52 51.9			123 54	48 36		845303
50481	EL GULEA, ALG.	6411	8 19	22 53 00			43 00	13 06		845309
52469	ATHENS, GREECE	2706	8 19	22 53 12.1			11 06	51 18		637309
50437	MEUDON, FRANCE	2715	8 19	22 53 20.8			89 04	28 43		637109
31361	BERLIN, GER.	0700	8 19	22 54 03.5			115 12	39 12		845303
50438	MEUDON, FRANCE	2715	8 19	22 54 23.5			88 12	22 48		637109
50482	EL GULEA, ALG.	6411	8 19	22 55 00			50 18	7 36		845309

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50439	MEUDON, FRANCE	2715	8 19	22 55 00.4			87 50	19 42		637109
53083	BRATISLAVA-P, CZECH.	5702	8 19	22 55 49.9	1 55 00	20 48				634042
50483	EL GULEA, ALG.	6411	8 19	22 56 00			53 24	5 00		845309
53026	BRNO, CZECH.	2720	8 19	22 56 03.9	1 55 24	17 12				839041
50440	MEUDON, FRANCE	2715	8 19	22 56 16.6			87 16	14 04		637109
50441	MEUDON, FRANCE	2715	8 19	22 57 04.0			87 00	10 58		637109
52470	ATHENS, GREECE	2706	8 19	22 57 37.4			67 00	31 48		637309
50442	MEUDON, FRANCE	2715	8 19	22 58 19.4			86 45	6 32		637109
53084	BRATISLAVA-P, CZECH.	5702	8 19	22 59 41.3	3 00 42	5 48				634042
52471	ATHENS, GREECE	2706	8 19	23 02 09.6			83 54	11 42		637309
50490	EL GULEA, ALG.	6411	8 20	0 01 00			73 18	14 54		845309
50491	EL GULEA, ALG.	6411	8 20	0 03 00			80 00	8 54		845309
50492	EL GULEA, ALG.	6411	8 20	0 04 00			82 48	6 00		845309
52472	ATHENS, GREECE	2706	8 20	0 25 00.47			301 18	12 54		637309
10349	JUPITER-BN, FLA.	9010	8 20	0 30 04.87	17 31 00	12 16				434013
30888	SILVER SPRING, MD	0032	8 20	0 30 36.6			180	34		845302
30889	SILVER SPRING, MD	0032	8 20	0 34 41	19 47	9 20				845042
31052	N. CANTON, OHIO	8544	8 20	0 35 41.7	20 44 30	8 43				845042
50443	MEUDON, FRANCE	2715	8 20	0 44 39.3			276 54	16 06		637109
50444	MEUDON, FRANCE	2715	8 20	0 45 00.5			276 35	17 46		637109
50445	MEUDON, FRANCE	2715	8 20	0 46 05.3			275 22	23 17		637109
50446	MEUDON, FRANCE	2715	8 20	0 47 08.1			273 40	29 31		637109
50447	MEUDON, FRANCE	2715	8 20	0 48 19.0			270 45	37 56		637109
50484	EL GULEA, ALG.	6411	8 20	0 49 00			329 30	23 06		845309
50448	MEUDON, FRANCE	2715	8 20	0 49 08.4			267 35	44 54		637109
50449	MEUDON, FRANCE	2715	8 20	0 50 34.4			256 41	58 55		637109
50485	EL GULEA, ALG.	6411	8 20	0 51 00			345 00	30 00		845309
50450	MEUDON, FRANCE	2715	8 20	0 51 16.3			245 22	66 05		637109
53085	BRATISLAVA-P, CZECH.	5702	8 20	0 51 22.1	19 27 30	25 24				634047
53086	BRATISLAVA-P, CZECH.	5702	8 20	0 51 47.1	19 42 24	26 00				634047
50451	MEUDON, FRANCE	2715	8 20	0 52 20.1			208 05	73 48		637109
50486	EL GULEA, ALG.	6411	8 20	0 53 00			6 42	34 36		845309
50452	MEUDON, FRANCE	2715	8 20	0 53 24.6			159 01	70 23		637109
53087	BRATISLAVA-P, CZECH.	5702	8 20	0 53 37.1	21 04 00	26 42				634047
52473	ATHENS, GREECE	2706	8 20	0 53 40.2			302 12	31 48		637309
53088	BRATISLAVA-P, CZECH.	5702	8 20	0 54 07.1	21 16 00	26 18				634047
50453	MEUDON, FRANCE	2715	8 20	0 54 11.2			140 36	63 06		637109
50487	EL GULEA, ALG.	6411	8 20	0 55 00			29 48	33 54		845309
50454	MEUDON, FRANCE	2715	8 20	0 55 17.3			128 31	52 05		637109
50455	MEUDON, FRANCE	2715	8 20	0 56 04.3			123 59	44 56		637109
50488	EL GULEA, ALG.	6411	8 20	0 57 00			49 36	28 36		845309
50456	MEUDON, FRANCE	2715	8 20	0 57 35.2			119 02	33 23		637109
50457	MEUDON, FRANCE	2715	8 20	0 58 12.8			117 45	29 19		637109
53089	BRATISLAVA-P, CZECH.	5702	8 20	0 58 43.2	0 59 30	7 00				634042
50489	EL GULEA, ALG.	6411	8 20	0 59 00			63 12	22 06		845309
50458	MEUDON, FRANCE	2715	8 20	0 59 17.6			116 06	23 15		637109
52474	ATHENS, GREECE	2706	8 20	0 59 45.2			119 36	79 42		637309
50459	MEUDON, FRANCE	2715	8 20	1 00 10.5			115 10	18 58		637109
53090	BRATISLAVA-P, CZECH.	5702	8 20	1 01 04.7	2 17 30	- 4 12				634042
50460	MEUDON, FRANCE	2715	8 20	1 01 09.5			114 19	14 42		637109
50461	MEUDON, FRANCE	2715	8 20	1 02 19.0			113 35	10 14		637109
50462	MEUDON, FRANCE	2715	8 20	1 03 02.1			113 13	7 42		637109
50463	MEUDON, FRANCE	2715	8 20	1 04 05.0			112 46	4 17		637109
52475	ATHENS, GREECE	2706	8 20	1 04 17.7			123 00	33 24		637309
52476	ATHENS, GREECE	2706	8 20	1 07 58.7			123 42	14 00		637309
31197	ROANOKE, VA.	0073	8 20	1 49 10	23 12	61 50				845042
31495	CHATTANOOGA, TENN.	0062	8 20	2 15 15			324	81		845302
31177	EDINBURG, TEX.	0066	8 20	2 25 51.3			245 30	29		845303
31178	EDINBURG, TEX.	0066	8 20	2 27 14.3			251	39 45		845303
32760	WHITTIER, CAL.	8566	8 20	2 28 37.5			112 00 00	36 40 12		845303
31362	ALBUQUERQUE, N.M.	8579	8 20	2 29 03.0			180 00	47 36		845302
31179	EDINBURG, TEX.	0066	8 20	2 29 50.2			280 45	61 30		845303
50506	MANHATTAN, KAN.	8110	8 20	2 31 07.86	16 49 42	- 2 47				845009
10350	JUPITER-BN, FLA.	9010	8 20	2 31 20.83	14 03 24	23 55				434013
31180	EDINBURG, TEX.	0066	8 20	2 31 33.8			336 45	66 15		845303
31182	ALBUQUERQUE, N.M.	8534	8 20	2 32 19.4	19 38 48	17 42				845042
31181	EDINBURG, TEX.	0066	8 20	2 34 29.2			26	42 30		845303
31496	PITTSBURGH, PA.	0059	8 20	2 35 24	16 38 36	22 02				845043
50507	MANHATTAN, KAN.	8110	8 20	2 35 27.18	20 12 56	28 06				845009
31187	FT. BELVOIR, VA.	0077	8 20	2 35 45.2			269 36	50 18		845302
31189	N. CANTON, OHIO	8565	8 20	2 35 56.7	17 18	25 35				845043
31194	TERRE HAUTE, IND.	8127	8 20	2 36 00.6			180	85 20		845302
31365	CHICAGO, ILL.	0020	8 20	2 36 31			151 00 00	77 00 00		845302
31366	CHICAGO, ILL.	0020	8 20	2 36 34			151 00 00	74 00 00		845302
50508	MANHATTAN, KAN.	8110	8 20	2 36 38.3	21 18 40	32 16				845009
31190	N. CANTON, OHIO	8536	8 20	2 37 21	18 35	38 15				641042
31191	N. CANTON, OHIO	0053	8 20	2 37 23.4	18 40	38 00				845043
31192	N. CANTON, OHIO	8565	8 20	2 37 24.3	18 38 40	38 18				845042
31211	N. CANTON, OHIO	8572	8 20	2 37 28.1	18 42 30	40 24				845042
32137	N. CANTON, OHIO	8591	8 20	2 37 35	18 35 12	39 12				845044
31053	N. CANTON, OHIO	8544	8 20	2 38 19.3	19 44	45 31				845032
31196	ROANOKE, VA.	0073	8 20	2 39 24	19 01 23	57 51				845042
50509	MANHATTAN, KAN.	8110	8 20	2 39 36.35	23 37 44	32 47				845009
31188	FT. BELVOIR, VA.	0077	8 20	2 40 39.6			37 00	56 18		845302
31195	TERRE HAUTE, IND.	8127	8 20	2 40 45.1	61 45	35 15				845043
31198	PITTSBURGH, PA.	8571	8 20	2 46 11.1	23 07 36	49 33				845043
31199	PITTSBURGH, PA.	8571	8 20	2 46 14.6	23 11 54	49 16				845043
50493	EL GULEA, ALG.	6411	8 20	2 52 00			309 12	17 18		845309
50494	EL GULEA, ALG.	6411	8 20	2 54 00			310 42	27 18		845309
52477	ATHENS, GREECE	2706	8 20	2 55 42.2			286 00	11 54		637309
50495	EL GULEA, ALG.	6411	8 20	2 56 00			314 00	41 12		845309
50496	EL GULEA, ALG.	6411	8 20	2 58 00			23 18	61 54		845309
50497	EL GULEA, ALG.	6411	8 20	3 00 00			37 00	81 24		845309
50498	EL GULEA, ALG.	6411	8 20	3 01 00			95 24	74 00		845309

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
52478	ATHENS, GREECE	2706	8 20	3 01 47.7			246 36	30 42		637309
50499	EL GULFA, ALG.	6411	8 20	3 03 00			115 00	52 30		845309
52479	ATHENS, GREECE	2706	8 20	3 03 24.2			230 00	32 06		637309
50503	TAMANRRAST, ALG.	6412	8 20	3 03 31.0			345 18	45 36		845309
50500	EL GULEA, ALG.	6411	8 20	3 05 00			120 00	35 54		845309
50504	TAMANRRAST, ALG.	6412	8 20	3 06 23.0			35 24	62 06		845309
50501	EL GULEA, ALG.	6411	8 20	3 07 00			122 18	23 42		845309
52480	ATHENS, GREECE	2706	8 20	3 08 34.7			186 12	20 42		637309
50502	EL GULEA, ALG.	6411	8 20	3 09 00			123 00	14 36		845309
50505	TAMANRRAST, ALG.	6412	8 20	3 11 41.0			108 42	38 48		845309
52481	ATHENS, GREECE	2706	8 20	3 13 14.7			168 06	6 18		637309
31373	SAN JOSE, CAL.	8573	8 20	4 28 42.7	15 43 00	- 2 00				845042
31200	PORTLAND, ORE.	0076	8 20	4 29 55.0	16 50 00	-11				845042
50510	MANHATTAN, KAN.	8110	8 20	4 30 19.05	14 44 06	2 04				845009
31367	LAWTON, OKLA.	0110	8 20	4 30 23			272 20 24	13 07 12		845304
31203	SAN DIEGO, CAL.	0133	8 20	4 30 52	15 35	26 42				845042
31331	WALNUT CREEK, CAL.	8556	8 20	4 31 05.8	17 01 00	14 24				845003
33024	SACRAMENTO, CAL.	8517	8 20	4 32 46.3			180 00	77 51		641304
31368	LAWTON, OKLA.	0110	8 20	4 33 04			289 17 24	29 54 00		845304
31374	SAN JOSE, CAL.	8573	8 20	4 33 17.4	18 52 00	36 12				845042
31204	SAN DIEGO, CAL.	0133	8 20	4 33 29	17 37	52 12				845042
31497	TUCSON, ARIZ.	0003	8 20	4 33 57.4			316 54	51 42		845303
32761	WHITTIER, CAL.	8566	8 20	4 33 59.2			0 00 00	68 52 12		845303
31501	CHINA LAKE, CAL.	0098	8 20	4 34 05.7			0 00	75 30 00		641303
31332	WALNUT CREEK, CAL.	8556	8 20	4 34 32.8	20 20 00	40 30				845001
31375	SAN JOSE, CAL.	8573	8 20	4 34 34.6	20 20 43	42 07				845002
50511	MANHATTAN, KAN.	8110	8 20	4 35 02.6	15 37 38	26 40				845009
50521	AMES, IOWA	8059	8 20	4 35 11.48			269 33 36	30 15 00		845309
31201	PORTLAND, ORE.	0076	8 20	4 35 29.0	20 36 00	18				845042
31183	ALBUQUERQUE, N.M.	8534	8 20	4 35 36.6	16 39 00	56 12				845043
31369	LAWTON, OKLA.	0110	8 20	4 35 57			305 40 12	39 15 00		845304
31498	TUCSON, ARIZ.	0003	8 20	4 36 07.8			0 00	48 54		845303
50522	AMES, IOWA	8059	8 20	4 36 21.83			273 49 48	38 17 24		845309
31499	TUCSON, ARIZ.	0003	8 20	4 37 04.0			13 06	44 06		845303
31363	ALBUQUERQUE, N.M.	8579	8 20	4 37 21.8			0 00	53 48		845302
50523	AMES, IOWA	8059	8 20	4 37 38.28			281 52 12	49 53 24		845309
31500	TUCSON, ARIZ.	0003	8 20	4 38 04.3			23 24	37 48		845303
31202	PORTLAND, ORE.	0076	8 20	4 38 26.7	22 26 42	24				845041
31370	LAWTON, OKLA.	0110	8 20	4 38 37			345 52 12	46 05 24		845304
31205	SAN DIEGO, CAL.	0133	8 20	4 38 41	0 30	53 42				845042
50524	AMES, IOWA	8059	8 20	4 39 23.85			310 39 36	66 21 00		845309
32762	WHITTIER, CAL.	8566	8 20	4 41 14.1			15 31 12	51 34 48		845303
31212	N. CANTON, OHIO	8572	8 20	4 42 02.7	19 41	70 12				845042
50512	MANHATTAN, KAN.	8110	8 20	4 42 27.7	0 44 32	59 16				845009
31371	LAWTON, OKLA.	0110	8 20	4 42 38			34 21 00	30 25 48		845304
31193	N. CANTON, OHIO	8565	8 20	4 42 44.8	19 14 30	67 12				845043
50525	AMES, IOWA	8059	8 20	4 42 47.12			48 18 00	52 48 00		845309
31054	N. CANTON, OHIO	8544	8 20	4 43 33.0	21 04 30	70 59				845032
50526	AMES, IOWA	8059	8 20	4 43 54.53			56 46 48	52 49 12		845309
50513	MANHATTAN, KAN.	8110	8 20	4 44 15.5	1 48 03	47 15				845009
31207	SILVER SPRING, MD.	0032	8 20	4 44 36.2			0	49		845302
10351	JUPITER-BN, FLA.	9010	8 20	4 45 17.47	4 59 30	77 28				434013
31372	LAWTON, OKLA.	0110	8 20	4 46 14			51 00 00	14 47 24		845304
50514	MANHATTAN, KAN.	8110	8 20	4 47 07.3	2 34 16	32 41				845009
31210	N. CANTON, OHIO	8565	8 20	4 47 50.0	2 21	41 54				845043
31376	SAN JOSE, CAL.	8573	8 20	6 37 50.4	17 37 11	69 16				845002
31504	WALNUT CREEK, CAL.	8556	8 20	6 38 36.6	18 37 00	72 36				845003
31214	PORTLAND, ORE.	0076	8 20	6 39 01.3	20 16 30	48 54				845041
33025	SACRAMENTO, CAL.	8517	8 20	6 39 18.6			0 00	54 16		641304
32763	WHITTIER, CAL.	8566	8 20	6 40 13.8			0 00	37 42		845303
31502	CHINA LAKE, CAL.	0098	8 20	6 40 17.3			0 00	41 57 00		641303
31206	SAN DIEGO, CAL.	0133	8 20	6 40 36	0 00	88 12				845042
52827	MEANOOK-P, CANADA	5450	8 20	6 40 56.1	20 41 18	19 30				637007
31377	SAN JOSE, CAL.	8573	8 20	6 42 04.5	1 51 20	60 27				845002
31184	ALBUQUERQUE, N.M.	8534	8 20	6 42 59.0	22 15 24	85 27				845043
32764	WHITTIER, CAL.	8566	8 20	6 45 13.7			45 06	20 54		845303
31378	SAN JOSE, CAL.	8573	8 20	6 46 16.9	3 05 25	35 17				845002
50515	MANHATTAN, KAN.	8110	8 20	6 48 16.52	2 31 48	49 52				845009
10352	JUPITER-BN, FLA.	9010	8 20	6 49 13.05	21 00 00	87 26				434013
32037	N. CANTON, OHIO	8559	8 20	6 51 26.9	1 50 40	36 52				845033
50516	MANHATTAN, KAN.	8110	8 20	6 52 44.25	4 39 54	19 28				845009
31208	SILVER SPRING, MD.	0032	8 20	6 55 57.2	3 27 30	11 00				845042
31379	SAN JOSE, CAL.	8573	8 20	8 43 05.0	18 21 30	70 42				845002
33026	SACRAMENTO, CAL.	8517	8 20	8 44 35.2			0 00	54 58		641304
31380	SAN JOSE, CAL.	8573	8 20	8 45 09.6	1 51 20	64 57				845042
50517	MANHATTAN, KAN.	8110	8 20	8 45 22.95	18 37 00	38 25				845009
31185	ALBUQUERQUE, N.M.	8534	8 20	8 48 44.3	23 42 00	68 54				845043
50518	MANHATTAN, KAN.	8110	8 20	8 49 41.17	22 11 45	45 11				845009
31780	LAS CRUCES, N.M.	0042	8 20	8 51 06.8	2 14	65 48				845003
50611	ST. LOUIS-P, MO.	5082	8 20	8 51 10.0	22 26 36	36 54				637007
31781	LAS CRUCES, N.M.	0042	8 20	8 51 34.2	3 23 30	49 06				845003
50519	MANHATTAN, KAN.	8110	8 20	8 52 37.56	1 16 42	27 00				845009
31209	SILVER SPRING, MD.	0032	8 20	8 54 10.6	22 52 00	13 00				845042
50520	MANHATTAN, KAN.	8110	8 20	8 58 56.01	3 53 36	-11 06				845009
33922	SAN JUAN, ARG.	0812	8 20	9 18 43.0	7 12 00	15 36				845042
33923	SAN JUAN, ARG.	0812	8 20	9 18 50.0	7 21 00	13 00				845042
32082	TAKADA, JAPAN	0250	8 20	10 20 29	15 50	-19				845002
32079	YOKKAICHI, JAPAN	0258	8 20	10 23 19	17 42	4				845002
32080	KASHIWABARA, JAPAN	0222	8 20	10 23 40	18 05	8				845002
32081	SAPPORO, JAPAN	0245	8 20	10 27 38	19 42	11				845002
33027	SACRAMENTO, CAL.	8517	8 20	10 51 19.5			180 00	77 20		641304
31381	DENVER, COLO.	8582	8 20	10 53 48.0			228 15 00	42 15 00		845303
31186	ALBUQUERQUE, N.M.	8534	8 20	10 54 56.3	0 16 00	8 48				845043
31364	ALBUQUERQUE, N.M.	8579	8 20	10 57 16.6			180 00	46 48		845302
32085	KANAYA MACHI, JAPAN	0220	8 20	12 28 42	16 09	49				845002

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32084	KASHIWABARA, JAPAN	0222	8 20	12 29 29	17 00	66				845002
32083	YOKKAICHI, JAPAN	0258	8 20	12 29 56	17 07	66				845002
32088	KONKO, JAPAN	0224	8 20	12 30 04.7	19 24	72 48				845002
32087	TAKADA, JAPAN	0250	8 20	12 34 16	0 49	59				845002
50795	KHABAROVSK, USSR	1059	8 20	12 36 28.0	0 23 24	24 24				845009
32086	SAPPORO, JAPAN	0245	8 20	12 37 11	1 00	41				845002
50796	KHABAROVSK, USSR	1059	8 20	14 25 17.0	16 53 06	18 30				845009
32092	TAKADA, JAPAN	0250	8 20	14 34 12	16 28	62				845002
32089	KONKO, JAPAN	0224	8 20	14 35 38.1	22 05	87 24				845002
32090	KANAYA MACHI, JAPAN	0220	8 20	14 35 46	18 20	86				845002
32091	SAPPORO, JAPAN	0245	8 20	14 39 02	0 33	54				845002
10345	SHIRAZ-BN, IRAN	9008	8 20	16 20 17.99	18 21 36	47 30				434013
50786	TASHKENT, USSR	1075	8 20	16 22 53.6	16 53 00	20 42				845009
50787	TASHKENT, USSR	1075	8 20	16 24 10.7	17 52 06	32 00				845009
50771	ABAKAN, USSR	1001	8 20	16 34 23.5	23 01 00	20 36				845009
32095	TAKADA, JAPAN	0250	8 20	16 37 07	17 50	45				845002
32093	KONKO, JAPAN	0224	8 20	16 41 16.2	23 34 00	72 06				845002
32094	SAPPORO, JAPAN	0245	8 20	16 47 53	2 39	- 1				845002
52482	ATHENS, GREECE	2706	8 20	18 12 29.9			220 24	19 30		637309
52483	ATHENS, GREECE	2706	8 20	18 15 21.9			213 06	37 24		637309
52484	ATHENS, GREECE	2706	8 20	18 19 17.4			146 36	70 00		637309
50772	ROSTOV, USSR	1041	8 20	18 22 30.6	18 09 00	7 30				845009
52485	ATHENS, GREECE	2706	8 20	18 24 37.9			66 30	29 30		637309
50778	ORENBURGH, USSR	1063	8 20	18 25 23.4	18 16 00	13 48				845009
50779	ORENBURGH, USSR	1063	8 20	18 26 18.5	18 56 00	17 18				845009
52486	ATHENS, GREECE	2706	8 20	18 26 36.4			62 54	18 36		637309
10347	SHIRAZ-BN, IRAN	9008	8 20	18 28 35.16	2 23 18	75 26				434013
52487	ATHENS, GREECE	2706	8 20	18 28 52.7			60 36	9 12		637309
50788	TASHKENT, USSR	1075	8 20	18 29 19.0	17 51 30	60 00				845009
50789	TASHKENT, USSR	1075	8 20	18 33 53.3	0 44 00	60 00				845009
50773	ROSTOV, USSR	1041	8 20	18 34 29.9	19 53 00	23 42				845009
32097	TAKADA, JAPAN	0250	8 20	18 46 07	22 44	12				845002
32096	YOKKAICHI, JAPAN	0258	8 20	18 46 37	23 03	15				845002
50568	EL GULEA, ALG.	6411	8 20	20 15 00.0			282 18	50 42		845309
50569	EL GULEA, ALG.	6411	8 20	20 17 00.0			316 54	58 48		845309
10332	SAN FERNANDO-BN, SP.	9004	8 20	20 17 03.40	18 11 48	22 59				434013
50570	EL GULEA, ALG.	6411	8 20	20 19 00.0			3 18	51 54		845309
52488	ATHENS, GREECE	2706	8 20	20 19 43.5			277 48	29 00		637309
53091	BRATISLAVA-P, CZECH.	5702	8 20	20 20 01.3	16 26 06	0 36				634042
50571	EL GULEA, ALG.	6411	8 20	20 21 00.0			22 54	39 18		845309
35209	HANNOVER, GER.	8069	8 20	20 21 36.4	18 54 14	4 09				845002
53092	BRATISLAVA-P, CZECH.	5702	8 20	20 22 20.8	17 33 31	12 13				634042
35205	HANNOVER, GER.	0702	8 20	20 22 35.2			345 57 00	45 27 00		845302
52489	ATHENS, GREECE	2706	8 20	20 22 47.8			304 12	49 06		637309
50572	EL GULEA, ALG.	6411	8 20	20 23 00.0			33 24	27 00		845309
50783	RIGA, USSR	1040	8 20	20 23 48.3	18 10 00	- 0 06				845009
50784	RIGA, USSR	1040	8 20	20 24 05.9	18 53 30	3 54				845009
52490	ATHENS, GREECE	2706	8 20	20 24 50.0			346 30	56 36		637309
50573	EL GULEA, ALG.	6411	8 20	20 25 00.0			39 06	18 18		845309
50785	RIGA, USSR	1040	8 20	20 25 20.3	19 52	8 36				845009
50574	EL GULEA, ALG.	6411	8 20	20 27 00.0			43 48	8 42		845309
53093	BRATISLAVA-P, CZECH.	5702	8 20	20 27 15.0	22 07 48	32 07				634042
50776	VOLOGDA, USSR	1014	8 20	20 27 32.1	19 49 30	7 18				845009
53094	BRATISLAVA-P, CZECH.	5702	8 20	20 29 11.6	23 24 30	24 51				634042
52491	ATHENS, GREECE	2706	8 20	20 29 32.0			48 00	30 30		637309
53095	BRATISLAVA-P, CZECH.	5702	8 20	20 31 07.6	0 17 06	7 06				634042
50777	VOLOGDA, USSR	1014	8 20	20 31 48.6	22 52 30	8 30				845009
52492	ATHENS, GREECE	2706	8 20	20 32 08.5			57 24	17 18		637309
52493	ATHENS, GREECE	2706	8 20	20 34 17.0			61 54	9 18		637309
50774	EREVAN, USSR	1018	8 20	20 36 06.2	2 55 00	32 12				845009
50775	EREVAN, USSR	1018	8 20	20 36 38.7	3 00 00	29 18				845009
50575	EL GULEA, ALG.	6411	8 20	22 20 00.0			303 00	18 30		845309
50576	EL GULEA, ALG.	6411	8 20	22 22 00.0			314 12	23 36		845309
35208	HANNOVER, GER.	8600	8 20	22 22 54.6	17 33 05	12 35				845002
52494	ATHENS, GREECE	2706	8 20	22 23 02.6			296 18	13 36		637309
50577	EL GULEA, ALG.	6411	8 20	22 24 00.0			330 00	28 06		845309
50578	EL GULEA, ALG.	6411	8 20	22 26 00.0			351 00	29 36		845309
50792	LVOV, USSR	1031	8 20	22 26 19.8	18 02 00	25 18				845009
35206	HANNOVER, GER.	0702	8 20	22 26 26.2			28 24	61 42 00		845302
52495	ATHENS, GREECE	2706	8 20	22 28 07.1			322 42	39 00		637309
50579	EL GULEA, ALG.	6411	8 20	22 30 00.0			17 30	21 36		845309
52496	ATHENS, GREECE	2706	8 20	22 31 03.6			6 36	50 30		637309
35207	HANNOVER, GER.	0702	8 20	22 31 55.7			288 24	35 15 00		845302
50793	LVOV, USSR	1031	8 20	22 31 55.9	23 17 00	31 18				845009
50580	EL GULEA, ALG.	6411	8 20	22 32 00.0			39 48	14 42		845309
50780	ODESSA, USSR	1036	8 20	22 33 44.9	0 04 48	36 48				845009
50581	EL GULEA, ALG.	6411	8 20	22 34 00.0			47 18	9 36		845309
50794	LVOV, USSR	1031	8 20	22 34 06.3	0 57 30	20 12				845009
52497	ATHENS, GREECE	2706	8 20	22 35 34.4			64 48	31 54		637309
50782	SARATOV, USSR	1044	8 20	22 36 57.1	23 57 36	7 48				845009
50781	ODESSA, USSR	1036	8 20	22 37 22.7	2 15 48	13 54				845009
52498	ATHENS, GREECE	2706	8 20	22 39 59.1			81 54	12 18		637309
50790	TASHKENT, USSR	1075	8 20	22 40 45.3	22 58 00	12 48				845009
50791	TASHKENT, USSR	1075	8 20	22 44 33.5	1 21 30	- 9 00				845009
50464	MEUDON, FRANCE	2715	8 21	0 27 54.2			264 16	51 05		637109
50582	EL GULEA, ALG.	6411	8 21	0 28 00.0			340 24	27 48		845309
50465	MEUDON, FRANCE	2715	8 21	0 28 10.5			262 19	53 51		637109
52515	ATHENS, GREECE	2706	8 21	0 28 36.2			301 42	14 36		637309
50466	MEUDON, FRANCE	2715	8 21	0 29 00.1			253 19	62 38		637109
10333	SAN FERNANDO-BP, SP.	9004	8 21	0 29 12.20	23 23 12	79 51				434013
50583	EL GULEA, ALG.	6411	8 21	0 30 00.0			357 06	32 30		845309
50467	MEUDON, FRANCE	2715	8 21	0 30 08.1			223 09	73 16		637109
50584	EL GULEA, ALG.	6411	8 21	0 31 00.0			14 00	34 06		845309
50468	MEUDON, FRANCE	2715	8 21	0 31 14.5			166 29	73 19		637109

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50585	EL GULEA, ALG.	6411	8 21	0 32 00.0			25 36	33 24		845309
52516	ATHENS, GREECE	2706	8 21	0 32 32.2			303 48	37 18		637309
50586	EL GULEA, ALG.	6411	8 21	0 34 00.0			43 36	29 36		845309
50587	EL GULEA, ALG.	6411	8 21	0 36 00.0			59 18	22 54		845309
52517	ATHENS, GREECE	2706	8 21	0 36 43.2			333 54	83 36		637309
50588	EL GULEA, ALG.	6411	8 21	0 38 00.0			70 00	16 06		845309
50589	EL GULEA, ALG.	6411	8 21	0 40 00.0			77 24	9 48		845309
52518	ATHENS, GREECE	2706	8 21	0 42 26.7			119 54	32 48		637309
52519	ATHENS, GREECE	2706	8 21	0 46 35.2			121 42	12 12		637309
32040	EDINBURG, TEX.	0066	8 21	2 06 33.5			254 30	50 15		845303
31507	ALBUQUERQUE, N.M.	8579	8 21	2 06 53.8			180 00	43 24		845302
32041	EDINBURG, TEX.	0066	8 21	2 07 52.0			272 30	63 15		845303
32042	EDINBURG, TEX.	0066	8 21	2 09 55.6			348 30	68 15		845303
31510	FT. WORTH, TEX.	0139	8 21	2 10 30.6	17 34 00	27 36				845043
32043	EDINBURG, TEX.	0066	8 21	2 10 52.9			12	59 45		845303
32044	EDINBURG, TEX.	0066	8 21	2 12 00.4			25 15	48 45		845303
31511	FT. WORTH, TEX.	0139	8 21	2 13 30.2	20 18 18	46 42				845043
31675	TERRE HAUTE, IND.	8127	8 21	2 14 00.2			180	81 00		845302
31512	CHICAGO, ILL.	0020	8 21	2 14 38.5			150 00 00	71 00		845302
31516	DAYTON, OHIO	8557	8 21	2 15 02	18 41 30	37 51				845003
31519	ROCHESTER, N.Y.	8564	8 21	2 16 48.0	18 54 15	36 18				845033
31382	ROANOKE, VA.	0073	8 21	2 16 50	18 44 15	58 30				845042
31517	DAYTON, OHIO	8557	8 21	2 17 46			205 30	86 24		845303
31676	TERRE HAUTE, IND.	8127	8 21	2 18 02.4			54 30	43 20		845303
31518	DAYTON, OHIO	8557	8 21	2 21 43.5			61 42	22 24		845303
52520	ATHENS, GREECE	2706	8 21	2 35 18.8			280 42	17 30		637309
10334	SAN FERNANDO-BN, SP.	9004	8 21	2 35 35.80	0 33 30	43 49				434013
50590	EL GULEA, ALG.	6411	8 21	2 36 00.0			324 54	59 24		845309
50591	EL GULEA, ALG.	6411	8 21	2 38 00.0			35 42	77 48		845309
50592	EL GULEA, ALG.	6411	8 21	2 40 00.0			104 36	59 18		845309
52521	ATHENS, GREECE	2706	8 21	2 40 00.8			246 54	32 36		637309
52522	ATHENS, GREECE	2706	8 21	2 41 29.8			229 42	34 06		637309
50593	EL GULEA, ALG.	6411	8 21	2 42 00.0			115 06	38 24		845309
50594	EL GULEA, ALG.	6411	8 21	2 43 00.0			118 54	26 00		845309
50595	EL GULEA, ALG.	6411	8 21	2 46 00.0			120 00	18 06		845309
52523	ATHENS, GREECE	2706	8 21	2 46 36.3			184 42	22 00		637309
50596	EL GULEA, ALG.	6411	8 21	2 49 00.0			122 54	9 00		845309
52524	ATHENS, GREECE	2706	8 21	2 52 30.3			163 36	3 42		637309
10328	OLIFANTSFNTN-BN,S.AF	9002	8 21	2 55 04.73	4 40 18	45 03				434013
32157	PRETORIA, S.AFR.	8575	8 21	2 59 18.2	6 13	23 42				845002
10330	OLIFANTSFNTN-BN,S.AF	9002	8 21	3 06 16.90	8 17 24	- 8 57				434013
31520	TUCSON, ARIZ.	0003	8 21	4 08 24.3			270 00	31 48		845303
31525	SAN DIEGO, CAL.	0133	8 21	4 09 12	15 36	26 42				845042
33028	SACRAMENTO, CAL.	8517	8 21	4 10 44.4			180 00	73 59		641304
32765	WHITTIER, CAL.	8566	8 21	4 11 58.1			0 00 00	72 06 00		845304
31503	CHINA LAKE, CAL.	0098	8 21	4 12 05.6			0 00 00	80 00 00		641303
31521	TUCSON, ARIZ.	0003	8 21	4 12 38.7			328 42	54 42		845303
31522	TUCSON, ARIZ.	0003	8 21	4 14 09.6			0 00	50 42		845303
31527	DAYTON, OHIO	8557	8 21	4 14 54.2			282 42	24 38		845303
32038	N. CANTON, OHIO	8544	8 21	4 15 46.6	15 32 30	26 53				845032
31532	SAN ANTONIO, TEX.	0096	8 21	4 16 02.5	14 49	74 38				845042
31533	FT. WORTH, TEX.	0139	8 21	4 16 02.8	15 37 00	69 24				845043
31523	TUCSON, ARIZ.	0003	8 21	4 16 03.9			23 54	38 42		845303
31526	SAN DIEGO, CAL.	0133	8 21	4 17 05	0 19	52 30				845042
31534	FT. WORTH, TEX.	0139	8 21	4 17 48.0	20 15 00	84 00				845043
31524	TUCSON, ARIZ.	0003	8 21	4 17 54.5			35 54	28 06		845303
32766	WHITTIER, CAL.	8566	8 21	4 18 08.6			49 33 36	21 01 48		845303
31165	NEW ORLEANS, LA.	0031	8 21	4 19 22			0	29		845302
31513	CHICAGO, ILL.	0020	8 21	4 19 56.5			350 00 00	65 00		845302
31677	TERRE HAUTE, IND.	8127	8 21	4 20 17.6			1	55 45		845302
31678	TERRE HAUTE, IND.	8127	8 21	4 20 19.2			1 18	55 55		845303
31535	CINCINNATI, OHIO	8555	8 21	4 20 39.9			353 00	54 00		845302
31528	DAYTON, OHIO	8557	8 21	4 21 49.0			17 24	54 10		845303
32039	N. CANTON, OHIO	8544	8 21	4 21 57.5	21 38	70 45				845032
31538	ROCHESTER, N.Y.	8585	8 21	4 22 28.7	21 13 00	64 00				845032
31529	DAYTON, OHIO	8557	8 21	4 29 08.7			69 12	13 54		845303
31530	DAYTON, OHIO	8557	8 21	4 30 17.0			72 06	9 48		845303
10335	SAN FERNANDO-BN, SP.	9004	8 21	4 40 20.20	23 44 42	- 5 44				434013
31531	DAYTON, OHIO	8557	8 21	4 46 16.8			51 12	38 12		845303
10376	MAUI-BN, HAWAII	9012	8 21	6 07 33.89	18 10 54	72 06				434013
31505	WALNUT CREEK, CAL.	8556	8 21	6 16 47.6	18 39 00	72 42				845003
31539	PORTLAND, ORE.	0076	8 21	6 16 58.8	19 50 00	47 18				845042
31540	PORTLAND, ORE.	0076	8 21	6 17 16.2	20 15 00	48 12				845041
33029	SACRAMENTO, CAL.	8517	8 21	6 17 23.7			0 00	54 58		641304
31541	PORTLAND, ORE.	0076	8 21	6 17 57.2	21 18 00	49 30				845042
32163	VAN NUYS, CAL.	0113	8 21	6 18 12.0			0 24	38 48		845303
32767	WHITTIER, CAL.	8566	8 21	6 18 16.7			0 00 00	37 57 00		845303
31508	ALBUQUERQUE, N.M.	8579	8 21	6 20 57.8			0 00	39 12		845302
32768	WHITTIER, CAL.	8566	8 21	6 22 57.4			42 58 48	22 01 12		845303
31542	FT. WORTH, TEX.	0139	8 21	6 23 21.0	0 30	88 12				845043
31543	CHICAGO, ILL.	0020	8 21	6 25 16.2	22 08	61 00				845042
31544	CHICAGO, ILL.	0020	8 21	6 25 39.4	22 52	60 00				845042
31545	CHICAGO, ILL.	0020	8 21	6 25 47.4	23 05	59 15				845042
31514	CHICAGO, ILL.	0020	8 21	6 25 49			14 00 00	73 00		845302
31546	CHICAGO, ILL.	0020	8 21	6 25 50.0	23 10	59 00				845042
31536	CINCINNATI, OHIO	8555	8 21	6 26 53.1			16 06	63 12		845302
31383	ROANOKE, VA.	0073	8 21	6 27 12	22 55 36	65 19				845042
52754	ROCHESTER-P, N.Y.	5050	8 21	8 28 38.8	20 52 30	18 03				637007
31401	MADISON, WIS.	0148	8 21	8 28 45.0	21 59 42	24 54				845042
52787	MADISON-P, WISC.	5078	8 21	8 28 45.0	21 59 42	24 54				637007
31402	MADISON, WIS.	0148	8 21	8 28 51.0	22 06 12	25 12				845042
52788	MADISON-P, WISC.	5078	8 21	8 28 51.0	22 06 12	25 12				637007
50527	ST. LOUIS-P, MO.	5082	8 21	8 29 20.0	22 16 54	39 00				637007
52755	ROCHESTER-P, N.Y.	5050	8 21	8 29 59.6	21 39 06	14 33				637007
31515	CHICAGO, ILL.	0020	8 21	8 30 54.4			216 00 00	63 00		845302

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31547	FT. WORTH, TEX.	0139	8 21	8 31 08.6	4 06 36	5 51				845043
31548	N. CANTON, OHIO	8572	8 21	8 31 44.0	23 00	14 42				845042
31537	CINCINNATI, OHIO	8555	8 21	8 32 12.9			216 48	64 36		845302
31384	ROANOKE, VA.	0073	8 21	8 35 10	1 03 05	- 1 12				845042
10353	JUPITER-BN, FLA.	9010	8 21	8 44 32.43	4 57 30	-25 17				434023
32098	YOKKAICHI, JAPAN	0258	8 21	10 02 42			130 00	59 30		845302
10423	TOKYO-BN, JAPAN	9005	8 21	10 03 58.10	18 48 18	20 19				434013
32099	TAKADA, JAPAN	0250	8 21	10 09 09	22 41	31				845002
31550	DENVER, COLO.	8582	8 21	10 31 19.75			236 00	43 45 00		845303
31679	PUEBLA, MEX.	0900	8 21	10 41 01.8	3 13 18	- 5 10				845043
31680	PUEBLA, MEX.	0900	8 21	10 42 02.0	3 52 06	-12 54				845043
31681	PUEBLA, MEX.	0900	8 21	10 46 56.1	5 49 06	-37 52				845043
31682	TAIPEI, TAIWAN	0502	8 21	12 00 30.9	14 28 00	38 23				845042
31683	TAIPEI, TAIWAN	0502	8 21	12 03 33.7	15 24 48	59 29				845042
32104	YATSUSHIRO, JAPAN	0272	8 21	12 07 20			0 00	50 30		845302
32100	YOKKAICHI, JAPAN	0258	8 21	12 07 56	17 12	66				845002
32102	KONKO, JAPAN	0224	8 21	12 08 06.4	19 00 00	71 12				845002
32105	HIGASHIMATSUYAMA,JAP	0210	8 21	12 08 23	17 00	62				845002
32106	MIZUSAWA, JAPAN	0267	8 21	12 09 00			324 00	64 24		845302
32103	TAKADA, JAPAN	0250	8 21	12 10 14	21 27	70				845002
32101	KASHIWABARA, JAPAN	0222	8 21	12 11 53	0 50	60				845002
10377	MAUI-BN, HAWAII	9012	8 21	12 29 04.53	3 59 36	60 54				434013
32108	TAKADA, JAPAN	0250	8 21	14 08 17	15 14	33				845002
32109	YATSUSHIRO, JAPAN	0272	8 21	14 13 05			0 00	32 48		845302
32107	KONKO, JAPAN	0224	8 21	14 13 49.2	22 33 18	87 24				845002
32110	MIZUSAWA, JAPAN	0267	8 21	14 16 00	1 10	53				845002
10378	MAUI-BN, HAWAII	9012	8 21	14 39 47.68	3 51 00	-26 00				434023
10379	SHIRAZ-BN, IRAN	9008	8 21	15 58 52.62	18 49 36	47 38				434013
50824	TASHKENT, USSR	1075	8 21	16 00 05.3	16 12 00	11 48				845009
50819	STALINABAD, USSR	1068	8 21	16 01 17.2	16 47 06	31 24				845009
50797	ABAKAN, USSR	1001	8 21	16 02 31.4	18 57 00	15 06				845009
50820	STALINABAD, USSR	1068	8 21	16 03 24.1	19 05 48	50 00				845009
50821	STALINABAD, USSR	1068	8 21	16 05 25.3	22 03 00	52 54				845009
50825	TASHKENT, USSR	1075	8 21	16 07 20.5	23 17 30	41 48				845009
50798	ABAKAN, USSR	1001	8 21	16 08 22.5	19 20 54	17 00				845009
32111	KONKO, JAPAN	0224	8 21	16 19 24.0	23 31 00	72 00				845002
32112	MIZUSAWA, JAPAN	0267	8 21	16 22 00			69 12	82 54		845302
50799	TBILISI, USSR	1053	8 21	18 01 24.2	18 10 00	44 42				845009
50826	TASHKENT, USSR	1075	8 21	18 03 20.6	15 32 00	27 06				845009
50800	TBILISI, USSR	1053	8 21	18 03 23.0	21 07 30	51 12				845009
10380	SHIRAZ-BN, IRAN	9008	8 21	18 04 37.87	16 24 00	87 12				434013
50806	ORENBURGH, USSR	1063	8 21	18 05 00.9	19 12 00	18 36				845009
50822	STALINABAD, USSR	1068	8 21	18 07 53.4	17 46 48	72 12				845009
50807	ORENBURGH, USSR	1063	8 21	18 09 57.9	23 30 30	22 12				845009
50823	STALINABAD, USSR	1068	8 21	18 10 49.2	1 10 18	65 00				845009
50827	TASHKENT, USSR	1075	8 21	18 11 22.1	0 46 00	57 48				845009
32115	YOKKAICHI, JAPAN	0258	8 21	18 25 08	23 07	15				845002
32116	MIZUSAWA, JAPAN	0267	8 21	18 26 00			229 00	38 00		845302
32113	SENDAI, JAPAN	0246	8 21	18 27 12	22 15	39				845002
32114	KONKO, JAPAN	0224	8 21	18 27 38.5	1 17 00	- 0 48				845002
53028	BRNO, CZECH.	2720	8 21	19 58 47.9	17 07 36	4 58				734042
32164	BERLIN, GER.	0700	8 21	19 59 35.6			194 06	38 48		845301
32165	BERLIN, GER.	0700	8 21	20 02 16.8			153 30	47 54		845303
53027	BRNO, CZECH.	2720	8 21	20 02 44.9	20 14 00	24 48				737041
50801	VOLOGDA, USSR	1014	8 21	20 02 50.8	17 59 30	1 24				845009
50834	LVOV, USSR	1031	8 21	20 02 57.2	19 05 00	23 54				845009
50840	VILNIUS, USSR	1012	8 21	20 03 02.0	19 07 00	10 12				845009
50812	RIGA, USSR	1040	8 21	20 03 48.4	21 34 30	11 24				845009
50810	TARTU, USSR	1051	8 21	20 03 52.9	19 37 00	5 00				845009
50832	NIKOLAEV, USSR	1077	8 21	20 04 08.0	18 28 24	37 48				845009
50833	NIKOLAEV, USSR	1077	8 21	20 05 11.0	19 57 12	43 36				845009
32166	BERLIN, GER.	0700	8 21	20 05 34.8			108 00	35 24		845303
50813	RIGA, USSR	1040	8 21	20 06 05.8	19 51 42	7 36				845009
50835	LVOV, USSR	1031	8 21	20 06 27.8	22 37 30	29 24				845009
50803	KIEV, USSR	1070	8 21	20 06 41.4	20 44 30	31 12				845009
50811	TARTU, USSR	1051	8 21	20 06 45.6	21 42 00	9 18				845009
50802	VOLOGDA, USSR	1014	8 21	20 08 35.8	21 41 54	9 06				845009
10381	SHIRAZ-BN, IRAN	9008	8 21	20 09 13.90	14 11 00	80 34				434013
50841	VILNIUS, USSR	1012	8 21	20 10 27.9	0 18 00	12 30				845009
50828	TASHKENT, USSR	1075	8 21	20 11 59.9	19 03 30	54 00				845009
50804	KIEV, USSR	1070	8 21	20 14 18.8	1 51 42	10 36				845009
50829	TASHKENT, USSR	1075	8 21	20 18 37.3	2 26 30	23 12				845009
32167	PERTH, AUSTR.	0601	8 21	20 40 14.2			30 12	7 24		641302
32172	PERTH, AUSTR.	0601	8 21	21 42 39.4			40 54	47 18		641302
32173	PERTH, AUSTR.	0601	8 21	21 47 37.7			99 18	32 18		641302
50528	MEUDON, FRANCE	2715	8 21	21 56 37.0			252 17	18 28		637109
50529	MEUDON, FRANCE	2715	8 21	21 57 12.9			251 51	21 33		637109
50530	MEUDON, FRANCE	2715	8 21	21 58 15.8			250 49	27 41		637109
52525	ATHENS, GREECE	2706	8 21	21 59 03.1			292 54	9 42		637309
50531	MEUDON, FRANCE	2715	8 21	21 59 17.7			249 15	34 54		637109
50532	MEUDON, FRANCE	2715	8 21	22 00 02.8			247 34	41 00		637109
50533	MEUDON, FRANCE	2715	8 21	22 01 07.7			243 27	51 28		637109
53096	BRATISLAVA-P, CZECH.	5702	8 21	22 01 33.2	16 31 48	18 33				634047
32168	BERLIN, GER.	0700	8 21	22 01 59.8			246 06	34 24		845301
50534	MEUDON, FRANCE	2715	8 21	22 02 20.0			232 52	65 11		637109
50535	MEUDON, FRANCE	2715	8 21	22 03 13.7			209 35	75 12		637109
53097	BRATISLAVA-P, CZECH.	5702	8 21	22 03 23.2	17 23 42	28 00				634047
53029	BRNO, CZECH.	2720	8 21	22 03 54.3	17 56	28 48				739041
52526	ATHENS, GREECE	2706	8 21	22 04 09.6			307 30	27 30		637309
50536	MEUDON, FRANCE	2715	8 21	22 04 20.8			137 26	76 40		637109
50537	MEUDON, FRANCE	2715	8 21	22 05 01.4			112 54	69 51		637109
53098	BRATISLAVA-P, CZECH.	5702	8 21	22 05 03.2	18 37 30	37 30				634047
50538	MEUDON, FRANCE	2715	8 21	22 06 18.5			97 00	54 24		637109
32169	BERLIN, GER.	0700	8 21	22 06 24.5			177 36	65 06		845303
53099	BRATISLAVA-P, CZECH.	5702	8 21	22 06 45.4	20 38 30	43 54				634047

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50809	PULKOVO, USSR	1039	8 21	22 06 52.4	19 51 30	7 18				845009
53100	BRATISLAVA-P, CZECH.	5702	8 21	22 07 03.2	21 01 15	44 09				634047
50539	MEUDON, FRANCE	2715	8 21	22 07 09.7			92 49	46 32		637109
53030	BRNO, CZECH.	2720	8 21	22 07 22.0	21 36 00	39 42				737041
50540	MEUDON, FRANCE	2715	8 21	22 08 08.3			90 14	38 07		637109
52527	ATHENS, GREECE	2706	8 21	22 09 03.1			5 18	49 54		637309
50814	RIGA, USSR	1040	8 21	22 09 07.4	21 58 30	13 06				845009
50541	MEUDON, FRANCE	2715	8 21	22 09 15.2			88 08	30 07		637109
50815	RIGA, USSR	1040	8 21	22 09 45.7	22 28	11 54				845009
50816	RIGA, USSR	1040	8 21	22 10 01.1	22 40 06	11 36				845009
50542	MEUDON, FRANCE	2715	8 21	22 10 09.9			87 09	24 42		637109
53101	BRATISLAVA-P, CZECH.	5702	8 21	22 10 24.1	0 36 00	30 30				634042
53031	BRNO, CZECH.	2720	8 21	22 10 27.3	0 33 47	26 56				734042
32170	BERLIN, GER.	0700	8 21	22 10 55.6			109 48	34 24		845303
50817	RIGA, USSR	1040	8 21	22 10 58.2	23 18 00	9 18				845009
52528	ATHENS, GREECE	2706	8 21	22 13 14.6			60 54	33 18		637309
50818	RIGA, USSR	1040	8 21	22 14 56.5	1 15 30	- 0 24				845009
50830	TASHKENT, USSR	1075	8 21	22 16 24.5	21 01 30	23 48				845009
10382	SHIRAZ-BN, IRAN	9008	8 21	22 16 26.37	23 55 12	72 29				434013
52529	ATHENS, GREECE	2706	8 21	22 16 48.6			77 24	16 30		637309
50808	PULKOVO, USSR	1039	8 21	22 18 29.9	1 48 00	-10 24				845009
50831	TASHKENT, USSR	1075	8 21	22 22 43.7	1 15 00	- 7 54				845009
52530	ATHENS, GREECE	2706	8 22	0 05 43.5			301 30	10 42		637309
53102	BRATISLAVA-P, CZECH.	5702	8 22	0 06 26.4	18 15 00	24 00				634047
53103	BRATISLAVA-P, CZECH.	5702	8 22	0 06 56.4	18 28 00	25 06				634047
10337	SAN FERNANDO-BN, SP.	9004	8 22	0 07 09.50	22 47 30	80 51				434013
50543	MEUDON, FRANCE	2715	8 22	0 08 52.6			186 52	76 16		637109
50544	MEUDON, FRANCE	2715	8 22	0 09 49.0			147 35	69 49		637109
52531	ATHENS, GREECE	2706	8 22	0 09 55.0			304 24	32 12		637309
53104	BRATISLAVA-P, CZECH.	5702	8 22	0 10 06.4	20 43 18	28 36				634047
50545	MEUDON, FRANCE	2715	8 22	0 10 08.4			138 25	66 27		637109
50546	MEUDON, FRANCE	2715	8 22	0 11 03.4			126 23	56 41		637109
53105	BRATISLAVA-P, CZECH.	5702	8 22	0 12 06.4	22 38 00	23 40				634047
50547	MEUDON, FRANCE	2715	8 22	0 12 15.2			119 16	45 03		637109
50548	MEUDON, FRANCE	2715	8 22	0 13 16.1			116 06	36 52		637109
50549	MEUDON, FRANCE	2715	8 22	0 14 15.5			114 09	30 02		637109
53106	BRATISLAVA-P, CZECH.	5702	8 22	0 14 16.4	0 22 54	12 28				634047
52532	ATHENS, GREECE	2706	8 22	0 14 38.0			341 24	80 30		637309
50550	MEUDON, FRANCE	2715	8 22	0 15 07.1			112 58	25 02		637109
53107	BRATISLAVA-P, CZECH.	5702	8 22	0 15 34.2	1 24 30	3 18				634042
50551	MEUDON, FRANCE	2715	8 22	0 16 00.0			112 05	20 29		637109
50552	MEUDON, FRANCE	2715	8 22	0 17 01.9			111 16	15 48		637109
50553	MEUDON, FRANCE	2715	8 22	0 18 12.5			110 36	11 07		637109
50554	MEUDON, FRANCE	2715	8 22	0 19 10.9			110 13	7 39		637109
52533	ATHENS, GREECE	2706	8 22	0 23 13.0			189 54	17 48		637309
10383	SHIRAZ-BN, IRAN	9008	8 22	0 23 34.19	0 17 24	2 24				434013
52534	ATHENS, GREECE	2706	8 22	0 25 51.0			120 06	7 48		637309
31684	PUEBLA, MEX.	0900	8 22	1 42 59.2	13 43 54	15 27				845043
31685	PUEBLA, MEX.	0900	8 22	1 43 17.0	13 49 42	18 35				845043
31686	PUEBLA, MEX.	0900	8 22	1 43 39.4	13 56 18	22 06				845043
30583	EDINBURG, TEX.	0066	8 22	1 45 44.5			260 45	63		845303
30584	EDINBURG, TEX.	0066	8 22	1 46 33.8			282	71 45		845303
30585	EDINBURG, TEX.	0066	8 22	1 47 40.5			339	74		845303
10354	JUPITER-BN, FLA.	9010	8 22	1 48 04.86	13 45 24	25 24				434013
32045	FT. WORTH, TEX.	0139	8 22	1 48 06.8	17 03 00	19 36				845043
30586	EDINBURG, TEX.	0066	8 22	1 48 19.5			4	68 30		845303
30587	EDINBURG, TEX.	0066	8 22	1 49 02.9			18 30	60 45		845303
30588	EDINBURG, TEX.	0066	8 22	1 50 28.9			31 30	56		845303
31551	CHICAGO, ILL.	0020	8 22	1 51 16.2	17 33	12 36				845042
31552	CHICAGO, ILL.	0020	8 22	1 51 37.5	17 50 30	15 05				845042
31553	CHICAGO, ILL.	0020	8 22	1 51 48.2	17 59	16 40				845042
31554	CHICAGO, ILL.	0020	8 22	1 52 05.4	18 11	19 25				845042
32769	MADISON, WISC.	0148	8 22	1 52 15.0	18 41 30	16 06				845042
31555	CHICAGO, ILL.	0020	8 22	1 52 45			149 00 00	69 30		845302
31557	CINCINNATI, OHIO	0050	8 22	1 53 08.2			92 42	86 06		845302
31559	ROCHESTER, N.Y.	8585	8 22	1 56 22.9	20 39 30	41 33				845032
32770	MADISON, WISC.	0148	8 22	1 57 01.1	22 40 48	29 36				845042
50555	MEUDON, FRANCE	2715	8 22	2 07 00.4			274 08	20 35		637109
50597	EL GULEA, ALG.	6411	8 22	2 09 00.0			312 12	21 54		845309
50598	EL GULEA, ALG.	6411	8 22	2 11 00.0			316 18	33 48		845309
52535	ATHENS, GREECE	2706	8 22	2 12 06.5			296 42	13 36		637309
50599	EL GULEA, ALG.	6411	8 22	2 13 00.0			325 12	50 12		845309
10338	SAN FERNANDO-BN, SP.	9004	8 22	2 13 42.90	0 29 48	45 24				434013
50556	MEUDON, FRANCE	2715	8 22	2 13 43.9			206 19	42 56		637109
50557	MEUDON, FRANCE	2715	8 22	2 14 00.8			202 20	42 28		637109
50600	EL GULEA, ALG.	6411	8 22	2 15 00.0			355 00	69 54		845309
50558	MEUDON, FRANCE	2715	8 22	2 15 05.3			188 28	39 20		637109
53108	BRATISLAVA-P, CZECH.	5702	8 22	2 15 20.2	22 32 15	- 1 24				634042
50559	MEUDON, FRANCE	2715	8 22	2 16 30.9			174 27	33 14		637109
50601	EL GULEA, ALG.	6411	8 22	2 17 00.0			79 00	68 54		845309
50560	MEUDON, FRANCE	2715	8 22	2 17 06.5			169 48	30 32		637109
50561	MEUDON, FRANCE	2715	8 22	2 18 19.0			162 35	25 03		637109
53109	BRATISLAVA-P, CZECH.	5702	8 22	2 18 41.7	0 12 18	-15 00				634042
50602	EL GULEA, ALG.	6411	8 22	2 19 00.0			105 12	49 54		845309
50562	MEUDON, FRANCE	2715	8 22	2 19 02.0			159 00	21 58		637109
52536	ATHENS, GREECE	2706	8 22	2 19 35.0			229 12	36 06		637309
50563	MEUDON, FRANCE	2715	8 22	2 20 12.2			154 29	17 11		637109
50603	EL GULEA, ALG.	6411	8 22	2 21 00.0			113 06	34 00		845309
50564	MEUDON, FRANCE	2715	8 22	2 21 00.6			152 00	14 11		637109
50565	MEUDON, FRANCE	2715	8 22	2 22 01.7			149 20	10 37		637109
50604	EL GULEA, ALG.	6411	8 22	2 23 00.0			116 54	22 24		845309
50566	MEUDON, FRANCE	2715	8 22	2 23 13.3			146 48	6 46		637109
50567	MEUDON, FRANCE	2715	8 22	2 24 09.4			145 07	3 58		637109
52537	ATHENS, GREECE	2706	8 22	2 24 56.0			181 00	22 12		637309

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50605	EL GULEA, ALG.	6411	8 22	2 27 00.0			120 48	6 36		845309
52538	ATHENS, GREECE	2706	8 22	2 29 40.5			163 48	6 36		637309
31560	ST. LOUIS, MO.	0140	8 22	2 50 41.1	16 48 12	11 12				845032
31561	ST. LOUIS, MO.	0140	8 22	2 53 11.2	19 02 36	31 33				845032
31562	ST. LOUIS, MO.	0140	8 22	2 54 02.5	19 56 24	35 57				845032
31563	SAN DIEGO, CAL.	0133	8 22	3 47 29.5	15 33	27 00				845042
31567	LAWTON, OKLA.	0110	8 22	3 48 04			274 01 12	19 34 12		845304
31564	SAN DIEGO, CAL.	0133	8 22	3 49 51.7	17 33	52 06				845042
31572	SAN JOSE, CAL.	8573	8 22	3 49 55.2	18 57 22	32 57				845002
31687	PUEBLA, MEX.	0900	8 22	3 50 57.1	13 05 24	57 16				845043
31575	TUCSON, ARIZ.	0003	8 22	3 52 03.1			1 06	52 48		845303
31573	TUCSON, ARIZ.	0003	8 22	3 52 08.5			0 06	52 36		845303
31574	TUCSON, ARIZ.	0003	8 22	3 52 08.8			359 54	52 36		845303
31568	LAWTON, OKLA.	0110	8 22	3 52 26			306 35 24	42 38 24		845304
31565	SAN DIEGO, CAL.	0133	8 22	3 53 09.3	22 27	58 42				845042
31509	ALBUQUERQUE, N.M.	8579	8 22	3 53 25.0			0 00	57 18		845302
31569	LAWTON, OKLA.	0110	8 22	3 55 16			354 37 48	47 21 36		845304
31566	SAN DIEGO, CAL.	0133	8 22	3 55 48.4	0 17	48 00				845042
31576	FT. WORTH, TEX.	0139	8 22	3 56 02.4	20 34 00	83 24				845043
31688	PUEBLA, MEX.	0900	8 22	3 57 07.7	5 24 48	82 23				845043
31577	CHICAGO, ILL.	0020	8 22	3 57 55.8	19 20	65 35				845042
31556	CHICAGO, ILL.	0020	8 22	3 57 58			349 00 00	69 30		845302
31578	CHICAGO, ILL.	0020	8 22	3 58 08.0	19 50	65 00				845042
31579	CHICAGO, ILL.	0020	8 22	3 58 13.0	20 00	65 00				845042
31580	CHICAGO, ILL.	0020	8 22	3 58 24.8	20 29	64 50				845042
31558	CINCINNATI, OHIO	0050	8 22	3 58 36.6			352 00	54 48		845302
31570	LAWTON, OKLA.	0110	8 22	3 59 08			37 12 36	28 37 48		845304
31689	TERRE HAUTE, IND.	8127	8 22	4 00 37.3			39 15	44 15		845303
31571	LAWTON, OKLA.	0110	8 22	4 02 09			49 58 48	15 04 48		845304
32771	MADISON, WISC.	0148	8 22	4 02 38.1	1 20 00	37 18				845042
10355	JUPITER-BN, FLA.	9010	8 22	4 05 52.81	3 39 18	48 53				434013
10339	SAN FERNANDO-BN, SP.	9004	8 22	4 17 42.00	23 10 12	- 0 01				434013
50606	EL GULEA, ALG.	6411	8 22	4 22 00.0			202 30	30 00		845309
50607	EL GULEA, ALG.	6411	8 22	4 24 00.0			187 36	23 48		845309
50608	EL GULEA, ALG.	6411	8 22	4 26 00.0			177 18	17 06		845309
50609	EL GULEA, ALG.	6411	8 22	4 28 00.0			169 48	10 42		845309
50610	EL GULEA, ALG.	6411	8 22	4 29 30.0			165 24	6 12		845309
30967	CAPETOWN, S.AFR.	0402	8 22	4 35 53.6			355 36	17 54		845302
30968	CAPETOWN, S.AFR.	0402	8 22	4 37 15.1			2 06	23 00		845302
30969	CAPETOWN, S.AFR.	0402	8 22	4 40 03.0			22 00	33 06		845302
30970	CAPETOWN, S.AFR.	0402	8 22	4 41 02.8			33 42	36 00		845302
10388	MAUI-BN, HAWAII	9012	8 22	5 47 26.79	21 24 24	70 15				434013
31506	WALNUT CREEK, CAL.	8556	8 22	5 54 09.8	17 09 00	65 48				845003
33030	SACRAMENTO, CAL.	8517	8 22	5 55 25.8			0 00	55 46		641304
32174	VAN NUYS, CAL.	0113	8 22	5 56 15.1	20 25	84 54				845043
31581	PORTLAND, ORE.	0076	8 22	5 58 09.0	23 35 30	43 30				845042
31582	PORTLAND, ORE.	0076	8 22	5 59 12.0	0 17 00	37 12				845042
31583	PORTLAND, ORE.	0076	8 22	6 00 09.3	0 48 30	32 18				845041
31584	PORTLAND, ORE.	0076	8 22	6 00 55.0	1 07 00	29 12				845042
52789	MADISON-P, WISC.	5078	8 22	6 01 00.2	18 43 00	35 00				637007
31586	MILWAUKEE, WIS.	0074	8 22	6 01 03.9			304 30	53 12		641304
31585	PORTLAND, ORE.	0076	8 22	6 01 24.0	1 17 00	27 18				845042
52790	MADISON-P, WISC.	5078	8 22	6 04 55.8	0 41 00	47 06				637007
31587	MILWAUKEE, WIS.	0074	8 22	6 05 45.0			76 54	58 12		641304
31549	N. CANTON, OHIO	8559	8 22	6 08 41.6	2 07	29 51				845033
31588	MILWAUKEE, WIS.	0074	8 22	6 10 35.0			95 48	22 06		641304
10356	JUPITER-BN, FLA.	9010	8 22	6 14 43.42	4 27 00	19 02				434013
31589	SAN JOSE, CAL.	8573	8 22	7 53 30.2	15 26 05	32 14				845002
31590	SAN JOSE, CAL.	8573	8 22	7 59 19.0	17 42 40	71 40				845002
30589	LAS CRUC, N.M.	8583	8 22	8 01 36	17 02 30	65 30				845041
31591	SAN JOSE, CAL.	8573	8 22	8 02 39.6	1 51 20	63 15				845002
50612	ST. LOUIS, MO.	5082	8 22	8 07 13.0	21 51 36	41 54				637007
52791	MADISON-P, WISC.	5078	8 22	8 07 53.0	22 43 00	22 57				637007
31592	STATE COLLEGE, PA.	0060	8 22	8 10 36.2			233 06	48 54		845303
10357	JUPITER-BN, FLA.	9010	8 22	8 13 31.16	1 05 06	38 13				434013
31593	DENVER, COLO.	8582	8 22	10 06 00			270 00	28 15 00		845303
33924	SAN JUAN, ARG.	0812	8 22	10 33 23.0	4 17 00	23 18				845042
32117	KANAYA MACHI, JAPAN	0220	8 22	11 46 22	18 23	72				845002
32118	SAPPORO, JAPAN	0245	8 22	11 47 54	18 35	47				845002
32119	TAKADA, JAPAN	0250	8 22	11 50 16	0 02	59				845002
10389	MAUI-BN, HAWAII	9012	8 22	12 11 46.81	4 40 12	23 58				434013
50836	BLAGOVESTCHENSK,USSR	1010	8 22	13 48 00.3	18 03 00	24 42				845009
32123	KANAYA MACHI, JAPAN	0220	8 22	13 50 22	15 18	72				845002
50837	BLAGOVESTCHENSK,USSR	1010	8 22	13 51 53.8	22 10 00	33 12				845009
32121	ASAHIKAWA, JAPAN	0201	8 22	13 53 42.8	21 18	61 48				845002
32124	TAKADA, JAPAN	0250	8 22	13 55 01	1 58	64				845002
32122	YOKKAICHI, JAPAN	0258	8 22	13 56 34			43 00	29 12		845302
10390	MAUI-BN, HAWAII	9012	8 22	14 06 34.37	20 41 00	44 43				434013
50894	STALINABAD, USSR	1068	8 22	15 37 13.6	15 55 18	18 42				845009
50853	TASHKENT, USSR	1075	8 22	15 37 30.4	15 43 30	5 18				845009
50838	ABAKAN, USSR	1001	8 22	15 46 02.0	19 02 30	15 42				845009
50850	IRKUTSK, USSR	1079	8 22	15 46 17.4	17 50 30	17 42				845009
50839	ABAKAN, USSR	1001	8 22	15 46 43.4	19 35 48	17 48				845009
50851	IRKUTSK, USSR	1079	8 22	15 47 08.0	18 07 30	20 00				845009
50854	TASHKENT, USSR	1075	8 22	15 48 22.5	0 28 00	32 06				845009
32126	YATSUSHIRO, JAPAN	0272	8 22	15 56 29			0 00	50 48		845302
32127	MIZUSAWA, JAPAN	0267	8 22	16 04 00			113 42	48 00		845302
10396	SHIRAZ-BN, IRAN	9008	8 22	17 41 35.00	14 41 54	75 42				834013
50855	TASHKENT, USSR	1075	8 22	17 41 53.1	15 24 30	29 18				845009
50845	KAZAN, USSR	1020	8 22	17 43 35.4	20 07 00	8 18				845009
50895	STALINABAD, USSR	1068	8 22	17 43 47.3	15 38 36	50 30				845009
50842	SARATOV, USSR	1044	8 22	17 44 54.2	21 51 24	20 12				845009
50844	KAZAN, USSR	1020	8 22	17 45 24.0	21 26 48	11 54				845009
50896	STALINABAD, USSR	1068	8 22	17 46 37.6	19 12 48	76 18				845009
50843	SARATOV, USSR	1044	8 22	17 47 43.8	23 35 24	18 06				845009

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50897	STALINABAD, USSR	1068	8 22	17 49 35.8	1 26 12	59 36				845009
50805	MOSCOW, USSR	1034	8 22	18 05 23.7	19 52 54	35 00				845009
32128	SAPPORO, JAPAN	0245	8 22	18 08 37	1 29	-27				845002
52401	TRINIDAD IS., TRIN.	4804	8 22	18 22 37			295	22 18	2815	895307
52402	TRINIDAD IS., TRIN.	4804	8 22	18 23 12			300	23 24	2741	895307
52403	TRINIDAD IS., TRIN.	4804	8 22	18 24 19			310	24 42	2648	895307
52404	TRINIDAD IS., TRIN.	4804	8 22	18 25 21			320	25 12	2667	895307
52405	TRINIDAD IS., TRIN.	4804	8 22	18 26 25			330	24 24	2704	895307
52406	TRINIDAD IS., TRIN.	4804	8 22	18 28 07			345	21 30	2871	895307
52407	TRINIDAD IS., TRIN.	4804	8 22	18 30 22			0	15 48	3241	895307
52408	TRINIDAD IS., TRIN.	4804	8 22	18 31 25			5	14 00	3445	895307
50846	KAZAN, USSR	1020	8 22	18 44 58.0	19 00 00	-44 42				845009
52539	ATHENS, GREECE	2706	8 22	19 31 27.6			261 42	9 00		637309
53110	BRATISLAVA-P, CZECH.	5702	8 22	19 34 31.2	15 47 00	- 4 48				634047
52540	ATHENS, GREECE	2706	8 22	19 35 42.6			272 06	28 54		637309
53111	BRATISLAVA-P, CZECH.	5702	8 22	19 37 01.2	16 51 30	6 24				634047
53032	BRNO, CZECH.	2720	8 22	19 37 41.9	17 23 48	7 41				734042
53112	BRATISLAVA-P, CZECH.	5702	8 22	19 39 31.2	18 40 00	20 50				634047
50866	VILNIUS, USSR	1012	8 22	19 39 45.4	17 57 30	4 24				845009
50870	UJGOROD, USSR	1055	8 22	19 40 32.0	18 03 30	20 24				845009
53033	BRNO, CZECH.	2720	8 22	19 40 38.6	19 48 24	22 36				737041
52541	ATHENS, GREECE	2706	8 22	19 40 51.1			343 54	59 06		637309
53113	BRATISLAVA-P, CZECH.	5702	8 22	19 41 16.2	20 25 00	28 20				634047
50868	NIKOLAEV, USSR	1077	8 22	19 41 27.3	18 33 12	38 06				845009
50848	DNEPROPETROVSK, USSR	1017	8 22	19 42 29.5	18 10 00	31 30				845009
50867	VILNIUS, USSR	1012	8 22	19 43 19.2	20 38 30	15 24				845009
50871	UJGOROD, USSR	1055	8 22	19 43 20.4	20 57 12	31 54				845009
50869	NIKOLAEV, USSR	1077	8 22	19 43 21.8	19 40 12	42 48				845009
50849	DNEPROPETROVSK, USSR	1017	8 22	19 43 34.3	20 37 42	40 12				845009
53114	BRATISLAVA-P, CZECH.	5702	8 22	19 43 46.2	22 42 08	28 50				634047
53115	BRATISLAVA-P, CZECH.	5702	8 22	19 44 16.2	23 02 45	27 55				634047
50860	RIGA, USSR	1040	8 22	19 44 46.5	21 42	12 12				845009
52542	ATHENS, GREECE	2706	8 22	19 44 51.6			44 12	35 18		637309
50852	KAZAN, USSR	1076	8 22	19 45 01.6	11 94 42	4 36				845009
50872	UJGOROD, USSR	1055	8 22	19 45 37.8	23 06 12	29 48				845009
50861	RIGA, USSR	1040	8 22	19 46 30.7	22 51 30	11 06				845009
50847	KAZAN, USSR	1020	8 22	19 46 43.1	20 24 06	17 12				845009
52543	ATHENS, GREECE	2706	8 22	19 47 41.1			55 30	19 36		637309
53034	BRNO, CZECH.	2720	8 22	19 48 10.0	0 41 28	17 40				734042
50856	TASHKENT, USSR	1075	8 22	19 49 20.0	18 03 30	50 48				845009
10397	SHIRAZ-BN, IRAN	9008	8 22	19 50 04.00	3 47 36	72 43				834013
52544	ATHENS, GREECE	2706	8 22	19 51 13.6			60 48	9 24		637309
50898	STALINABAD, USSR	1068	8 22	19 51 40.2	17 07 24	52 42				845009
50899	STALINABAD, USSR	1068	8 22	19 53 05.8	0 03 00	64 24				845009
50857	TASHKENT, USSR	1075	8 22	19 55 49.3	1 54 00	30 42				845009
32175	PASAY CITY, PH.IS.	0501	8 22	20 10 45			183	70		845302
32176	PASAY CITY, PH.IS.	0501	8 22	20 16 00			154	37		845302
32177	PERTH, AUSTR.	0601	8 22	20 19 03.8			35 12	7 30		641302
32178	PERTH, AUSTR.	0601	8 22	20 23 58.3			62 30	5 18		641302
32160	ADELAIDE, AUSTR.	0600	8 22	20 28 11.5			49	35		845302
32161	ADELAIDE, AUSTR.	0600	8 22	20 28 11.5			49	35 15		845302
32162	ADELAIDE, AUSTR.	0600	8 22	20 29 08			59 30	34 30		845302
32159	ADELAIDE, AUSTR.	8528	8 22	20 56 53.5	5 45	13 30				845042
50650	EL GULEA, ALG.	6411	8 22	21 37 00.0			308 54	23 06		845309
53116	BRATISLAVA-P, CZECH.	5702	8 22	21 37 07.8	15 38 42	9 09				634047
50651	EL GULEA, ALG.	6411	8 22	21 38 00.0			318 36	26 30		845309
52545	ATHENS, GREECE	2706	8 22	21 38 53.7			294 06	12 42		637309
50652	EL GULEA, ALG.	6411	8 22	21 39 00.0			326 12	28 12		845309
10391	SAN FERNANDO-BN, SP.	9004	8 22	21 39 19.00	18 23 30	72 56				434013
53117	BRATISLAVA-P, CZECH.	5702	8 22	21 39 29.8	16 17 48	17 57				634047
50653	EL GULEA, ALG.	6411	8 22	21 40 00.0			336 30	29 48		845309
50880	LVOV, USSR	1031	8 22	21 40 24.1	16 45 30	19 12				845009
50654	EL GULEA, ALG.	6411	8 22	21 41 00.0			347 48	30 06		845309
53118	BRATISLAVA-P, CZECH.	5702	8 22	21 41 09.8	16 57 30	26 07				634047
50655	EL GULEA, ALG.	6411	8 22	21 42 00.0			358 48	29 12		845309
50656	EL GULEA, ALG.	6411	8 22	21 43 00.0			8 36	27 12		845309
53119	BRATISLAVA-P, CZECH.	5702	8 22	21 43 22.0	18 34 14	38 08				634047
50881	LVOV, USSR	1031	8 22	21 43 43.4	18 11 00	29 06				845009
50657	EL GULEA, ALG.	6411	8 22	21 44 00.0			17 42	25 00		845309
50876	VILNIUS, USSR	1012	8 22	21 44 05.2	18 56 30	- 7 12				845009
50873	UJGOROD, USSR	1055	8 22	21 44 15.8	18 36 54	36 18				845009
52546	ATHENS, GREECE	2706	8 22	21 44 18.1			323 24	39 18		637309
50862	RIGA, USSR	1040	8 22	21 44 38.9	19 40 48	13 24				845009
50878	TARTU, USSR	1051	8 22	21 44 55.1	19 44 00	10 30				845009
50658	EL GULEA, ALG.	6411	8 22	21 45 00.0			25 24	21 48		845309
53120	BRATISLAVA-P, CZECH.	5702	8 22	21 45 09.8	20 51 30	44 11				634047
50879	TARTU, USSR	1051	8 22	21 45 56.9	20 28 30	10 54				845009
50659	EL GULEA, ALG.	6411	8 22	21 46 00.0			31 12	19 00		845309
50874	UJGOROD, USSR	1055	8 22	21 46 33.2	20 35 06	41 36				845009
50858	PULKOVO, USSR	1039	8 22	21 46 59.2	20 57 00	7 30				845009
52547	ATHENS, GREECE	2706	8 22	21 46 59.5			3 42	49 18		637309
50660	EL GULEA, ALG.	6411	8 22	21 47 00.0			36 36	15 48		845309
50863	RIGA, USSR	1040	8 22	21 47 06.8	21 39 48	13 30				845009
52838	WENDELSTEIN-P, GER.	5700	8 22	21 47 13.2	23 23 00	39 30				637007
52839	WENDELSTEIN-P, GER.	5700	8 22	21 47 33.5	23 40 54	37 36				637007
50661	EL GULEA, ALG.	6411	8 22	21 48 00.0			41 24	12 30		845309
53121	BRATISLAVA-P, CZECH.	5702	8 22	21 48 24.8	0 21 00	31 04				634047
50882	LVOV, USSR	1031	8 22	21 48 29.1	23 14 00	30 36				845009
50877	VILNIUS, USSR	1012	8 22	21 48 57.4	23 02 30	15 06				845009
50662	EL GULEA, ALG.	6411	8 22	21 49 00.0			45 24	9 36		845309
50875	UJGOROD, USSR	1055	8 22	21 49 02.8	23 35 00	34 00				845009
50864	RIGA, USSR	1040	8 22	21 49 06.6	23 07 30	9 42				845009
53035	BRNO, CZECH.	2720	8 22	21 49 54.5	1 03 06	20 41				734042
50663	EL GULEA, ALG.	6411	8 22	21 50 00.0			48 30	6 54		845309
50883	LVOV, USSR	1031	8 22	21 50 21.5	0 36 18	21 12				845009

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50664	EL GULEA, ALG.	6411	8 22	21 51 00.0			52 36	4 06		845309
50859	PULKOVO, USSR	1039	8 22	21 51 03.7	23 32 30	1 12				845009
53122	BRATISLAVA-P, CZECH.	5702	8 22	21 51 09.8	1 36 45	17 31				634047
50865	RIGA, USSR	1040	8 22	21 51 15.8	0 20 00	4 36				845009
52548	ATHENS, GREECE	2706	8 22	21 54 57.7			76 36	15 30		637309
50900	STALINABAD, USSR	1068	8 22	21 55 19.7	21 06 48	31 04				845009
10398	SHIRAZ-BN, IRAN	9008	8 22	21 55 53.00	2 08 36	60 06				834013
32179	PERTH, AUSTR.	0601	8 22	22 26 31.5			35 00	53 12		641302
53123	BRATISLAVA-P, CZECH.	5702	8 22	23 42 39.7	17 14 30	19 57				634047
52549	ATHENS, GREECE	2706	8 22	23 44 27.3			302 00	13 18		637309
53124	BRATISLAVA-P, CZECH.	5702	8 22	23 44 29.7	17 56 07	24 17				634047
50665	EL GULEA, ALG.	6411	8 22	23 45 00.0			255 00	46 00		845309
10392	SAN FERNANDO-BN, SP.	9004	8 22	23 45 23.50	23 27 00	80 08				434013
53125	BRATISLAVA-P, CZECH.	5702	8 22	23 46 29.7	19 04 54	28 24				634047
50666	EL GULEA, ALG.	6411	8 22	23 47 00.0			356 06	30 36		845309
52550	ATHENS, GREECE	2706	8 22	23 47 58.3			305 36	32 12		637309
50667	EL GULEA, ALG.	6411	8 22	23 48 00.0			6 24	32 00		845309
53126	BRATISLAVA-P, CZECH.	5702	8 22	23 48 39.7	21 06 13	29 05				634047
50668	EL GULEA, ALG.	6411	8 22	23 49 00.0			18 30	32 00		845309
50669	EL GULEA, ALG.	6411	8 22	23 50 00.0			28 54	30 24		845309
53127	BRATISLAVA-P, CZECH.	5702	8 22	23 50 19.7	22 35 00	24 17				634047
50670	EL GULEA, ALG.	6411	8 22	23 51 00.0			37 42	28 18		845309
50671	EL GULEA, ALG.	6411	8 22	23 52 00.0			45 54	25 42		845309
52551	ATHENS, GREECE	2706	8 22	23 52 55.8			10 24	80 30		637309
50613	MEUDON, FRANCE	2715	8 22	23 53 11.3			111 14	24 44		637109
53128	BRATISLAVA-P, CZECH.	5702	8 22	23 53 14.7	0 46 54	8 39				634047
50672	EL GULEA, ALG.	6411	8 22	23 54 00			60 12	19 00		845309
50614	MEUDON, FRANCE	2715	8 22	23 54 06.5			110 22	20 01		637109
50673	EL GULEA, ALG.	6411	8 22	23 55 00.0			65 18	15 36		845309
50615	MEUDON, FRANCE	2715	8 22	23 55 00.4			109 45	15 57		637109
53129	BRATISLAVA-P, CZECH.	5702	8 22	23 55 14.7	1 42 54	- 0 36				634047
50616	MEUDON, FRANCE	2715	8 22	23 56 04.1			109 11	11 40		637109
53130	BRATISLAVA-P, CZECH.	5702	8 22	23 56 54.7	2 15 30	- 6 36				634047
50617	MEUDON, FRANCE	2715	8 22	23 57 15.5			108 44	7 25		637109
50618	MEUDON, FRANCE	2715	8 22	23 58 19.2			108 26	3 59		637109
52552	ATHENS, GREECE	2706	8 22	23 59 40.3			115 18	25 18		637309
52553	ATHENS, GREECE	2706	8 23	0 01 12.5			116 36	17 42		637309
52554	ATHENS, GREECE	2706	8 23	0 02 09.5			117 12	13 48		637309
52555	ATHENS, GREECE	2706	8 23	0 03 36.3			118 00	8 30		637309
31594	DAYTON, OHIO	8557	8 23	1 27 30.0			229 48	40 36		845303
31599	N. CANTON, OHIO	8565	8 23	1 28 22.2	15 44 30	5 14				845042
31604	MILWAUKEE, WISC.	0074	8 23	1 28 32.8			196 30	47 54		641304
32187	SAN ANTONIO, TEX.	0089	8 23	1 28 49.6			51	55		845302
32188	SAN ANTONIO, TEX.	0089	8 23	1 29 10			50	46		845302
31607	CHICAGO, ILL.	0020	8 23	1 29 34.6	17 35	12 00				845042
31608	CHICAGO, ILL.	0020	8 23	1 29 39.5	17 40	13 00				845042
31690	TERRE HAUTE, IND.	8127	8 23	1 29 53.5			180	74 15		845302
31609	CHICAGO, ILL.	0020	8 23	1 30 01.4	17 52	15 00				845042
31610	CHICAGO, ILL.	0020	8 23	1 30 07.0	18 01 30	16 01				845042
32189	SAN ANTONIO, TEX.	0089	8 23	1 30 44.6			49	31		845302
31605	MILWAUKEE, WISC.	0074	8 23	1 30 46.7			150 48	61 42		641304
31615	CINCINNATI, OHIO	8555	8 23	1 30 58.0			150 24	85 00		845302
31600	N. CANTON, OHIO	8584	8 23	1 31 52.9	18 19 30	36 48				845033
31595	DAYTON, OHIO	8557	8 23	1 32 00.0			88 59	75 30		845303
32134	N. CANTON, OHIO	8591	8 23	1 32 10.8	18 35 12	36 42				845042
31601	N. CANTON, OHIO	8572	8 23	1 32 14.4	18 40	38 00				845042
31602	N. CANTON, OHIO	8584	8 23	1 32 16.8	18 41	37 50				845032
31603	N. CANTON, OHIO	8544	8 23	1 32 19.9	18 48	37 15				845042
32046	N. CANTON, OHIO	8544	8 23	1 32 39.0	19 11	39 18				845042
32047	N. CANTON, OHIO	8565	8 23	1 32 40.6	19 14 30	38 20				845042
31617	ROCHESTER, N.Y.	8585	8 23	1 33 03.5	18 46 00	33 42				845032
32048	N. CANTON, OHIO	8572	8 23	1 33 27.3	20 00	37 00				845042
31606	MILWAUKEE, WISC.	0074	8 23	1 33 42.8			90 12	45 48		641304
31692	PITTSBURGH, PA.	8571	8 23	1 34 10.3	20 52	47 15				845041
32049	N. CANTON, OHIO	0053	8 23	1 36 07.2	23 44 48	39 12				845043
32050	N. CANTON, OHIO	8565	8 23	1 36 49.9	23 17 30	38 09				845042
31618	N. CANTON, OHIO	8536	8 23	1 37 24.5	23 38	36 54				641043
50619	MEUDON, FRANCE	2715	8 23	1 44 20.2			277 15	17 38		637109
50620	MEUDON, FRANCE	2715	8 23	1 45 13.1			273 49	21 30		637109
50621	MEUDON, FRANCE	2715	8 23	1 46 06.4			269 30	25 41		637109
50622	MEUDON, FRANCE	2715	8 23	1 47 14.1			262 20	31 16		637109
53131	BRATISLAVA-P, CZECH.	5702	8 23	1 47 29.3	19 26 30	13 24				634047
50674	EL GULEA, ALG.	6411	8 23	1 48 00.0			313 24	22 20		845309
50623	MEUDON, FRANCE	2715	8 23	1 48 10.9			254 22	36 01		637109
50624	MEUDON, FRANCE	2715	8 23	1 49 16.0			242 25	40 53		637109
53132	BRATISLAVA-P, CZECH.	5702	8 23	1 49 51.4	20 27 36	10 28				634042
50675	EL GULEA, ALG.	6411	8 23	1 50 00.0			316 24	33 54		845309
50625	MEUDON, FRANCE	2715	8 23	1 50 09.4			230 15	43 45		637109
50626	MEUDON, FRANCE	2715	8 23	1 51 17.0			212 55	44 59		637109
10393	SAN FERNANDO-BN, SP.	9004	8 23	1 51 31.96	0 09 00	49 15				434013
50676	EL GULEA, ALG.	6411	8 23	1 52 00.0			329 06	50 12		845309
50627	MEUDON, FRANCE	2715	8 23	1 52 13.4			198 38	43 36		637109
50628	MEUDON, FRANCE	2715	8 23	1 53 08.1			186 34	40 37		637109
53133	BRATISLAVA-P, CZECH.	5702	8 23	1 53 48.8	22 30 48	- 2 08				634042
50677	EL GULEA, ALG.	6411	8 23	1 54 00.0			1 24	67 30		845309
50629	MEUDON, FRANCE	2715	8 23	1 54 01.4			176 58	36 49		637109
50630	MEUDON, FRANCE	2715	8 23	1 55 18.3			166 31	30 39		637109
50678	EL GULEA, ALG.	6411	8 23	1 56 00.0			32 00	65 36		845309
50631	MEUDON, FRANCE	2715	8 23	1 56 08.6			161 25	26 42		637109
50632	MEUDON, FRANCE	2715	8 23	1 57 02.2			157 03	22 39		637109
53134	BRATISLAVA-P, CZECH.	5702	8 23	1 57 04.6	0 09 36	-15 36				634042
50679	EL GULEA, ALG.	6411	8 23	1 58 00.0			100 06	48 06		845309
50633	MEUDON, FRANCE	2715	8 23	1 58 10.6			152 41	17 55		637109
50634	MEUDON, FRANCE	2715	8 23	1 59 17.0			149 24	13 39		637109

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53135	BRATISLAVA-P, CZECH.	5702	8 23	1 59 33.3	1 11 08	-24 12				634042
50680	EL GULEA, ALG.	6411	8 23	2 00 00.0			109 30	33 00		845309
50681	EL GULEA, ALG.	6411	8 23	2 03 00.0			114 00	21 30		845309
50682	EL GULEA, ALG.	6411	8 23	2 04 00.0			116 42	13 06		845309
50683	EL GULEA, ALG.	6411	8 23	2 06 00.0			118 42	6 06		845309
32281	PRETORIA, S.AFR.	8575	8 23	2 17 14.6	6 23	15 30				845002
10385	OLIFANTSFNTN-BN,S.AF	9002	8 23	2 19 41.10	7 00 24	4 54				434013
31622	TUCSON, ARIZ.	0003	8 23	3 23 07.5			261	30 48		845303
31623	TUCSON, ARIZ.	0003	8 23	3 24 20.0			263	31 48		845303
31788	LAS CRUCES, N.M.	0042	8 23	3 25 38	14 28	31				845041
33031	SACRAMENTO, CAL.	8517	8 23	3 26 32.3			180 00	65 31		641304
32183	VAN NUYS, CAL.	0113	8 23	3 27 40.2	17 40 59	41 52				845043
31625	SANTA MONICA, CAL.	0143	8 23	3 27 45			0 00	80 30		845302
30666	EDINBURG, TEX.	0066	8 23	3 28 39.5			311 48	24		845303
30667	EDINBURG, TEX.	0066	8 23	3 29 13.1			316	25 30		845303
30953	LAS CRUCES, N.M.	0042	8 23	3 29 39	15 47	59				845041
32774	WHITTIER, CAL.	8566	8 23	3 30 06.8			43 24	52 12 00		845303
30668	EDINBURG, TEX.	0066	8 23	3 30 14.7			325 30	27 18		845303
31626	SAN ANTONIO, TEX.	0096	8 23	3 30 24.8	14 09	56 52				845042
31627	ALBUQUERQUE, N.M.	8579	8 23	3 31 24.4			0 00	59 12		845302
30669	EDINBURG, TEX.	0066	8 23	3 31 25.5			337 48	28		845303
32772	MADISON, WISC.	0148	8 23	3 32 15.8	15 59 00	30 00				845042
30670	EDINBURG, TEX.	0066	8 23	3 32 25.1			348	27 30		845303
31596	DAYTON, OHIO	8557	8 23	3 32 41.8			290 49	35 20		845303
32775	WHITTIER, CAL.	8566	8 23	3 33 12.1			50 48	23 53 24		845303
31789	LAS CRUCES, N.M.	0042	8 23	3 33 46.2	23 20	73				845041
31631	FT. WORTH, TEX.	0139	8 23	3 33 49.2	19 06 48	82 06				845013
31624	TUCSON, ARIZ.	0003	8 23	3 35 10.5			42 00	22 00		845303
31637	N. CANTON, OHIO	8572	8 23	3 35 15.9	17 10	59 48				845042
31632	FT. WORTH, TEX.	0139	8 23	3 35 16.0	24 05 00	75 18				845013
31633	NEW ORLEANS, LA.	0031	8 23	3 35 57			0	28 30		845302
31611	CHICAGO, ILL.	0020	8 23	3 36 11.4	19 25	61 55				845042
31612	CHICAGO, ILL.	0020	8 23	3 36 19.6	19 51	62 00				845042
31613	CHICAGO, ILL.	0020	8 23	3 36 22.8	20 05	62 05				845042
31614	CHICAGO, ILL.	0020	8 23	3 36 31.2	20 30	62 30				845042
31597	DAYTON, OHIO	8557	8 23	3 36 54.4			355 10	57 24		845303
31636	N. CANTON, OHIO	8544	8 23	3 37 38.2	20 00	70 06				845042
31619	N. CANTON, OHIO	8584	8 23	3 38 10.9	22 00 36	70 45				845032
31620	N. CANTON, OHIO	8544	8 23	3 38 12.2	21 26	70 00				845042
31616	CINCINNATI, OHIO	8555	8 23	3 38 37.5			29 00	47 42		845302
31621	N. CANTON, OHIO	8544	8 23	3 38 54.4	23 06	72 48				845042
32135	N. CANTON, OHIO	8591	8 23	3 40 18	0 45 20	52 10				845042
31691	TERRE HAUTE, IND.	8127	8 23	3 40 19.6			52 30	33 35		845303
31634	N. CANTON, OHIO	8536	8 23	3 40 47	0 37	56 00				641042
31638	N. CANTON, OHIO	8572	8 23	3 43 31.7	2 04 54	34 24				845042
10394	SAN FERNANDO-BN, SP.	9004	8 23	3 56 15.60	23 16 00	- 1 28				434013
50733	TAMANRASSET, ALG.	6412	8 23	3 57 59.0			268 06	23 36		845309
50684	EL GULEA, ALG.	6411	8 23	3 58 00.0			244 30	34 30		845309
50685	EL GULEA, ALG.	6411	8 23	4 00 00.0			221 42	35 48		845309
50686	EL GULEA, ALG.	6411	8 23	4 04 00.0			185 24	24 54		845309
50735	TAMANRASSET, ALG.	6412	8 23	4 05 38.0			185 18	32 12		845309
50687	EL GULEA, ALG.	6411	8 23	4 06 00.0			174 36	17 36		845309
50736	TAMANRASSET, ALG.	6412	8 23	4 07 48.0			173 00	22 36		845309
50688	EL GULEA, ALG.	6411	8 23	4 08 00.0			167 30	11 06		845309
50689	EL GULEA, ALG.	6411	8 23	4 09 00.0			164 24	7 54		845309
50737	TAMANRASSET, ALG.	6412	8 23	4 09 51.0			165 36	14 36		845309
50690	EL GULEA, ALG.	6411	8 23	4 10 00.0			162 00	5 12		845309
50738	TAMANRASSET, ALG.	6412	8 23	4 11 49.0			161 00	88 06		845309
33633	CAPETOWN, S.AFR.	0402	8 23	4 19 46.3			40 30	34 21 36		845302
33634	CAPETOWN, S.AFR.	0402	8 23	4 20 55.4			53 18	35 15 00		845302
33635	CAPETOWN, S.AFR.	0402	8 23	4 24 23.9			86 30	28 11 24		845302
33033	LIMA, PERU	0814	8 23	5 04 11	2 07	34 48				845002
31790	LAS CRUCES, N.M.	0042	8 23	5 31 59.5	13 55	48				845041
33032	SACRAMENTO, CAL.	8517	8 23	5 33 26.9			0 00	56 42		641304
32184	VAN NUYS, CAL.	0113	8 23	5 34 40.6	22 43 47	83 20				845043
30954	LAS CRUCES, N.M.	0042	8 23	5 35 31.4	14 42	74				845041
31628	ALBUQUERQUE, N.M.	8579	8 23	5 37 04.0			0 00	39 12		845302
31791	LAS CRUCES, N.M.	0042	8 23	5 37 05.5	4 30	89 30				845041
31639	FT. WORTH, TEX.	0139	8 23	5 37 38.0	15 01 30	75 33				845013
31640	FT. WORTH, TEX.	0139	8 23	5 39 15.6	0 11 24	98 39				845013
31641	N. CANTON, OHIO	8572	8 23	5 39 55.6	17 40 12	51 48				845042
32776	WHITTIER, CAL.	8566	8 23	5 40 33.5			49 30 00	15 42 36		845303
32180	SAN JOSE, CAL.	8573	8 23	5 40 33.9	16 23 24	62 30				845002
31792	LAS CRUCES, N.M.	0042	8 23	5 41 23	3 05	53				845041
31643	CHICAGO, ILL.	0020	8 23	5 41 34.0	22 03	62 45				845042
31644	CHICAGO, ILL.	0020	8 23	5 41 40.4	22 11	62 45				845042
31645	CHICAGO, ILL.	0020	8 23	5 41 43.0	22 17	62 45				845042
31793	LAS CRUCES, N.M.	0042	8 23	5 43 48	3 15	39 18				845041
31646	CHICAGO, ILL.	0020	8 23	5 46 21.2	2 16	25 40				845042
32181	SAN JOSE, CAL.	8573	8 23	5 46 49.6	2 07 02	34 11				845002
32182	SAN JOSE, CAL.	8573	8 23	7 40 52.9	1 51 20	61 57				845002
31629	ALBUQUERQUE, N.M.	8579	8 23	7 42 31.6			0 00	50 48		845302
52709	WESTFIELD-P, MASS.	5021	8 23	7 43 48	19 32 30	20 42				637007
32773	MADISON, WISC.	0148	8 23	7 44 28.4	21 10 00	30 24				845042
32195	PUEBLA, MEX.	0900	8 23	7 44 47.9	21 30 00	89 57				845043
52710	WESTFIELD-P, MASS.	5021	8 23	7 45 42	20 45 30	18 18				637007
32196	PUEBLA, MEX.	0900	8 23	7 46 58.0	4 13 12	75 19				845043
31647	ROANOKE, VA.	0073	8 23	7 49 32	0 25 32	22				845042
31598	DAYTON, OHIO	8557	8 23	7 50 38.9			160 26	52 23		845303
10387	JUPITER-BN, FLA.	9010	8 23	7 51 26.86	0 57 06	41 38				434013
31642	N. CANTON, OHIO	8572	8 23	7 52 51.2	1 46	11 12				845042
31635	N. CANTON, OHIO	8559	8 23	7 55 20.8	0 22 45	2 12				845033
10386	CURACAO-BN, N.W.I.	9009	8 23	7 57 56.32	2 47 54	33 20				434013
52961	SPOKANE, WASH.	8142	8 23	9 38 13.0	22 49 35	9 32				845002
52962	SPOKANE, WASH.	8142	8 23	9 44 38.1	22 53 22	8 28				845002

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31630	ALBUQUERQUE, N.M.	8579	8 23	9 50 35.4			180 00	59 24		845302
52963	SPOKANE, WASH.	8142	8 23	9 51 54.2	23 04 52	0 46				845002
34060	SAN JUAN, ARG.	0812	8 23	9 54 32.2	6 34	- 5 12				845002
32197	PUEBLA, MEX.	0900	8 23	9 55 06.5	2 00 00	20 00				845043
33925	SAN JUAN, ARG.	0812	8 23	10 06 30.0	2 14 00	43 00				845042
10395	AREQUIPA-BN, PERU	9007	8 23	10 10 41.22	4 29 24	- 7 25				434013
33649	KAGOSHIMA, JAPAN	0218	8 23	11 19 13.2	14 30	30 42				845002
33648	MIYAZAKI, JAPAN	0230	8 23	11 19 24.6	14 29 06	30 36				845002
33647	YATSUSHIRO, JAPAN	0272	8 23	11 23 12			0 00	54 30		845302
33643	KONKO, JAPAN	0224	8 23	11 24 03.0	16 25 00	66 12				845002
33646	TAKADA, JAPAN	0250	8 23	11 24 50	17 48	62				845002
33650	MIZUSAWA, JAPAN	0267	8 23	11 26 00			354 42	67 18		845302
33642	ASAHIKAWA, JAPAN	0201	8 23	11 27 17.8	20 16 30	48 36				845002
33644	KANAYA MACHI, JAPAN	0220	8 23	11 28 06	0 24	58				845002
33645	SAPPORO, JAPAN	0245	8 23	11 35 34	16 58	34				845002
10405	MAUI-BN, HAWAII	9012	8 23	11 40 03.72	16 43 00	79 57				434013
10406	MAUI-BN, HAWAII	9012	8 23	11 51 51.23	4 43 06	12 42				434013
33658	MIYAZAKI, JAPAN	0230	8 23	13 25 02.0	14 12	52 06				845002
33654	KANAYA MACHI, JAPAN	0220	8 23	13 28 32	15 16	73				845002
33653	KASHIWABARA, JAPAN	0222	8 23	13 28 35	15 17	72				845002
33657	YATSUSHIRO, JAPAN	0272	8 23	13 29 06			0 00	33 30		845302
33659	KAGOSHIMA, JAPAN	0218	8 23	13 29 24.2	3 47	86 36				845002
33651	ASAHIKAWA, JAPAN	0201	8 23	13 29 41.0	17 43 30	51 48				845002
33652	KONKO, JAPAN	0224	8 23	13 29 45.5	20 30 00	87 00				845002
33655	SAPPORO, JAPAN	0245	8 23	13 30 31	23 27	58				845002
33660	MIZUSAWA, JAPAN	0267	8 23	13 32 00			9 30	52 24		845302
33656	TAKADA, JAPAN	0250	8 23	13 33 13	1 51	63				845002
10407	MAUI-BN, HAWAII	9012	8 23	13 43 41.33	19 54 00	46 36				434013
50904	TASHKENT, USSR	1075	8 23	15 17 11.9	16 27 00	15 12				845009
10404	NAINI TAL-BN, INDIA	9006	8 23	15 20 23.83	14 46 54	72 48				434013
50905	TASHKENT, USSR	1075	8 23	15 20 58.8	20 14 30	40 54				845009
33663	SAPPORO, JAPAN	0245	8 23	15 33 00	18 36	39				845002
33662	KASHIWABARA, JAPAN	0222	8 23	15 33 05	18 35	70				845002
33664	YATSUSHIRO, JAPAN	0272	8 23	15 34 25			0 00	40 00		845302
33665	KAGOSHIMA, JAPAN	0218	8 23	15 34 29.0	22 57	84 12				845002
33666	MIZUSAWA, JAPAN	0267	8 23	15 37 59			50 48	78 18		845302
33661	ASAHIKAWA, JAPAN	0201	8 23	15 39 33.7	0 46 18	16 42				845002
52409	TRINIDAD IS., TRIN.	4804	8 23	15 47 45			212	6 48	4056	895307
52410	TRINIDAD IS., TRIN.	4804	8 23	15 50 09			209 12	15 00	3296	895307
52411	TRINIDAD IS., TRIN.	4804	8 23	15 52 13			205 18	25 00	2593	895307
52412	TRINIDAD IS., TRIN.	4804	8 23	15 53 48			204 24	35 00	2259	895307
52413	TRINIDAD IS., TRIN.	4804	8 23	15 55 03			193 36	45 00	1945	895307
52414	TRINIDAD IS., TRIN.	4804	8 23	15 57 20			157 30	65 00	1630	895307
52415	TRINIDAD IS., TRIN.	4804	8 23	15 58 56			105	65 42	1630	895307
52416	TRINIDAD IS., TRIN.	4804	8 23	15 59 38			85	59 30	1685	895307
52417	TRINIDAD IS., TRIN.	4804	8 23	16 01 49			61 18	40 00	2130	895307
52418	TRINIDAD IS., TRIN.	4804	8 23	16 03 10			55 42	30 00	2426	895307
10412	SHIRAZ-BN, IRAN	9008	8 23	17 19 23.12	14 30 36	73 23				434013
50906	TASHKENT, USSR	1075	8 23	17 20 09.5	15 15 00	30 06				845009
50907	TASHKENT, USSR	1075	8 23	17 23 40.8	17 22 00	60 36				845009
50908	TASHKENT, USSR	1075	8 23	17 27 40.8	0 33 00	54 42				845009
33667	SAPPORO, JAPAN	0245	8 23	17 38 36	21 16	10				845002
33668	KAGOSHIMA, JAPAN	0218	8 23	17 41 54.5	0 34	26 54				845002
33669	MIZUSAWA, JAPAN	0267	8 23	17 46 30			179 36	29 12		845302
52556	ATHENS, GREECE	2706	8 23	19 10 26.7			261 36	12 54		637309
52557	ATHENS, GREECE	2706	8 23	19 14 03.7			272 30	31 18		637309
52607	KHANIA, CRETE	8112	8 23	19 14 48	14 07 30	22 00				845009
33034	BERLIN, GER.	0700	8 23	19 15 51.4			192 54	37 54		845303
52840	WENDELSTEIN-P, GER.	5700	8 23	19 16 49.0	18 51 36	16 48				637007
52841	WENDELSTEIN-P, GER.	5700	8 23	19 17 49.1	19 41	21 42				637007
33035	BERLIN, GER.	0700	8 23	19 18 05.1			159 24	45 54		845303
52558	ATHENS, GREECE	2706	8 23	19 18 34.2			336 48	60 36		637309
52608	KHANIA, CRETE	8112	8 23	19 18 50	15 40	59 00				845009
33036	BERLIN, GER.	0700	8 23	19 19 53.5			130 00	43 54		845303
52559	ATHENS, GREECE	2706	8 23	19 22 58.7			45 18	34 36		637309
52609	KHANIA, CRETE	8112	8 23	19 23 58	0 04 30	59 00				845009
50909	TASHKENT, USSR	1075	8 23	19 25 24.7	16 38 30	40 06				845009
52560	ATHENS, GREECE	2706	8 23	19 25 46.2			55 36	19 06		637309
10413	SHIRAZ-BN, IRAN	9008	8 23	19 26 44.08	5 28 00	85 08				434013
52610	KHANIA, CRETE	8112	8 23	19 27 13	1 41 30	40 00				845009
50910	TASHKENT, USSR	1075	8 23	19 27 29.1	17 51 30	52 18				845009
52561	ATHENS, GREECE	2706	8 23	19 29 48.7			62 36	4 12		637309
50911	TASHKENT, USSR	1075	8 23	19 34 06.4	1 51 30	29 42				845009
33670	KAGOSHIMA, JAPAN	0218	8 23	19 46 57.6	23 38 00	-18 24				845002
10399	WOOMERA-BN, AUSTR.	9003	8 23	20 04 35.13	5 45 42	9 48				434013
32198	ADELAIDE, AUSTR.	0600	8 23	20 05 48.8	6 02	-10 12				845042
32186	ADELAIDE, AUSTR.	0600	8 23	20 06 42.6			54 45	33		845302
32185	ADELAIDE, AUSTR.	0600	8 23	20 07 24.8			62	32 45		845302
50691	EL GULEA, ALG.	6411	8 23	21 15 00.0			307 12	23 30		845309
52562	ATHENS, GREECE	2706	8 23	21 15 17.2			289 24	7 00		637309
53136	BRATISLAVA-P, CZECH.	5702	8 23	21 16 19.3	15 40 54	13 20				634047
32190	GLASGOW, SCOT.	0651	8 23	21 16 40.1			198 06	36 00 00		845302
10400	SAN FERNANDO-BN, SP.	9004	8 23	21 16 54.00	17 17 12	68 49				434013
50692	EL GULEA, ALG.	6411	8 23	21 17 00.0			325 54	29 00		845309
32191	GLASGOW, SCOT.	0651	8 23	21 17 57.8			183 06	41 45 00		845302
53137	BRATISLAVA-P, CZECH.	5702	8 23	21 18 04.3	16 14 30	19 38				634047
32192	GLASGOW, SCOT.	0651	8 23	21 19 03.4	19 44 00	10 12				845041
50693	EL GULEA, ALG.	6411	8 23	21 19 10.0			348 36	30 48		845309
52563	ATHENS, GREECE	2706	8 23	21 19 26.2			302 30	23 48		637309
53036	BRNO, CZECH.	2720	8 23	21 19 44.1	17 13 12	26 06				737041
32193	GLASGOW, SCOT.	0651	8 23	21 20 04.6			152 48	43 00 00		845302
53138	BRATISLAVA-P, CZECH.	5702	8 23	21 20 24.5	17 28 45	32 24				634047
32194	GLASGOW, SCOT.	0651	8 23	21 20 24.8			147 36	42 45 00		845302
50694	EL GULEA, ALG.	6411	8 23	21 21 00.0			8 12	28 00		845309
33037	BERLIN, GER.	0700	8 23	21 21 38.8			200 30	61 12		845302

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53037	BRNO, CZECH.	2720	8 23	21 21 44.0	18 54	36 42				739041
52564	ATHENS, GREECE	2706	8 23	21 22 00.2			320 06	37 36		637309
52611	KHANIA, CRETE	8112	8 23	21 22 23	15 30	59 00				845009
33038	BERLIN, GER.	0700	8 23	21 22 42.4			168 30	64 24		845302
53139	BRATISLAVA-P, CZECH.	5702	8 23	21 23 04.3	20 26 24	44 08				634047
50695	EL GULEA, ALG.	6411	8 23	21 23 20.0			26 30	21 30		845309
53038	BRNO, CZECH.	2720	8 23	21 23 37.4	21 17 00	39 36				737041
33039	BERLIN, GER.	0700	8 23	21 24 52.4			123 06	50 54		845302
52565	ATHENS, GREECE	2706	8 23	21 25 01.7			4 24	48 48		637309
50696	EL GULEA, ALG.	6411	8 23	21 25 12.0			37 18	15 06		845309
52612	KHANIA, CRETE	8112	8 23	21 25 13	23 49	83 00				845009
53140	BRATISLAVA-P, CZECH.	5702	8 23	21 25 19.3	23 15 00	37 31				634047
53039	BRNO, CZECH.	2720	8 23	21 25 46.3	23 32 27	31 32				734042
50697	EL GULEA, ALG.	6411	8 23	21 27 00.0			44 36	9 48		845309
52613	KHANIA, CRETE	8112	8 23	21 27 03	2 06	66 00				845009
53141	BRATISLAVA-P, CZECH.	5702	8 23	21 27 09.3	0 31 43	27 24				634047
52566	ATHENS, GREECE	2706	8 23	21 28 05.7			49 24	38 06		637309
50698	EL GULEA, ALG.	6411	8 23	21 28 25.0			49 12	5 54		845309
53040	BRNO, CZECH.	2720	8 23	21 28 43.5	1 07 34	17 52				734042
53142	BRATISLAVA-P, CZECH.	5702	8 23	21 29 09.3	1 27 45	18 00				634047
52567	ATHENS, GREECE	2706	8 23	21 30 51.2			67 48	23 54		637309
52614	KHANIA, CRETE	8112	8 23	21 30 58	2 40	41 00				845009
52568	ATHENS, GREECE	2706	8 23	21 33 19.7			76 24	13 36		637309
10414	SHIRAZ-BN, IRAN	9008	8 23	21 34 23.40	2 18 12	58 05				434013
52569	ATHENS, GREECE	2706	8 23	23 21 18.3			301 12	8 48		637309
50699	EL GULEA, ALG.	6411	8 23	23 22 15.0			331 00	22 30		845309
10401	SAN FERNANDO-BN, SP.	9004	8 23	23 23 13.40	22 35 00	81 34				434013
50700	EL GULEA, ALG.	6411	8 23	23 24 00.0			344 48	27 42		845309
50701	EL GULEA, ALG.	6411	8 23	23 25 00.0			354 36	30 00		845309
53143	BRATISLAVA-P, CZECH.	5702	8 23	23 25 39.4	19 40 48	30 42				634042
50702	EL GULEA, ALG.	6411	8 23	23 26 00.0			4 36	31 06		845309
52570	ATHENS, GREECE	2706	8 23	23 26 31.3			307 42	36 06		637309
50703	EL GULEA, ALG.	6411	8 23	23 27 00.0			16 30	31 06		845309
50704	EL GULEA, ALG.	6411	8 23	23 28 00.0			26 54	30 00		845309
53144	BRATISLAVA-P, CZECH.	5702	8 23	23 28 46.5	22 39 48	29 21				634042
50705	EL GULEA, ALG.	6411	8 23	23 29 00.0			36 42	28 00		845309
50903	LENINGRAD, USSR	1030	8 23	23 29 57.3	22 27 54	- 4 48				845009
50902	LENINGRAD, USSR	1030	8 23	23 29 58.1	22 23	- 4 54				845009
52571	ATHENS, GREECE	2706	8 23	23 30 52.3			11 30	77 48		637309
50706	EL GULEA, ALG.	6411	8 23	23 31 00.0			52 12	22		845309
50707	EL GULEA, ALG.	6411	8 23	23 33 00.0			63 12	15 54		845309
50708	EL GULEA, ALG.	6411	8 23	23 35 00.0			71 30	9 42		845309
10415	SHIRAZ-BN, IRAN	9008	8 23	23 35 08.62	20 56 12	32 14				434013
50901	ODESSA, USSR	1036	8 23	23 35 54.8	1 21 24	- 8 12				845009
50709	EL GULEA, ALG.	6411	8 23	23 36 00.0			74 54	6 48		845309
50710	EL GULEA, ALG.	6411	8 23	23 36 52.0			77 18	4 30		845309
52572	ATHENS, GREECE	2706	8 23	23 37 14.8			112 12	27 12		637309
52573	ATHENS, GREECE	2706	8 23	23 41 21.8			116 00	9 06		637309
31693	EDINBURG, TEX.	8581	8 24	1 03 33.8			330	82		845302
31694	BILOXI, MISS.	0090	8 24	1 04 50			270	60 48		845302
32201	N. CANTON, OHIO	8572	8 24	1 06 43.8	15 41	6 24				845032
31695	BILOXI, MISS.	0090	8 24	1 07 14			0	68 48		845302
31698	TERRE HAUTE, IND.	8127	8 24	1 07 14.7			180	70 00		845302
32903	CINCINNATI, OHIO	8555	8 24	1 09 02.3			149 12	81 54		845302
31700	COLUMBUS, OHIO	0051	8 24	1 09 10.5			180	79 18		845303
31705	N. CANTON, OHIO	8544	8 24	1 09 36.3	17 47	29 20				845042
31703	N. CANTON, OHIO	8544	8 24	1 09 45.5	17 54 30	30 22				845032
31708	DAYTON, OHIO	8557	8 24	1 10 04.2			96 20	73 23		845303
31706	N. CANTON, OHIO	8584	8 24	1 10 22.3	18 48 30	36 25				845033
31794	ROANOKE, VA.	0073	8 24	1 10 25	17 48 45	22				845042
31707	N. CANTON, OHIO	0053	8 24	1 10 28.2	18 42 30	37 00				845041
31704	N. CANTON, OHIO	8544	8 24	1 10 38.0	18 54	36 36				845032
31785	N. CANTON, OHIO	8536	8 24	1 10 44.5	19 08	38 00				641042
31786	N. CANTON, OHIO	8565	8 24	1 10 45.8	19 04 45	36 05				845042
31711	SILVER SPRING, MD.	0032	8 24	1 11 02.4			0	80		845302
31709	DAYTON, OHIO	8557	8 24	1 11 16.8			77 36	60 42		845303
32136	N. CANTON, OHIO	8591	8 24	1 11 40	18 51 40	32 24				845042
31787	N. CANTON, OHIO	8536	8 24	1 11 49.0	20 20	40 00				641042
31710	DAYTON, OHIO	8557	8 24	1 13 16.4			67 06	38 48		845303
31155	CINCINNATI, OHIO	0050	8 24	1 15 01.0			63 06	26 00		845302
50635	MEUDON, FRANCE	2715	8 24	1 23 35.1			272 41	23 21		637109
50711	EL GULEA, ALG.	6411	8 24	1 24 00.0			310 42	11 36		845309
50636	MEUDON, FRANCE	2715	8 24	1 24 04.8			270 15	25 46		637109
50637	MEUDON, FRANCE	2715	8 24	1 25 11.9			263 23	31 32		637109
50712	EL GULEA, ALG.	6411	8 24	1 26 00.0			314 00	20 12		845309
50638	MEUDON, FRANCE	2715	8 24	1 26 11.4			255 10	36 48		637109
50639	MEUDON, FRANCE	2715	8 24	1 27 18.1			242 45	42 08		637109
52574	ATHENS, GREECE	2706	8 24	1 27 39.8			290 12	12 18		637309
50713	EL GULEA, ALG.	6411	8 24	1 28 00.0			319 30	31 42		845309
50640	MEUDON, FRANCE	2715	8 24	1 28 19.4			228 06	45 35		637109
50641	MEUDON, FRANCE	2715	8 24	1 29 02.9			216 20	46 34		637109
10402	SAN FERNANDO-BN, SP.	9004	8 24	1 29 20.80	23 49 24	52 46				434013
50714	EL GULEA, ALG.	6411	8 24	1 30 00.0			330 06	46 48		845309
53145	BRATISLAVA-P, CZECH.	5702	8 24	1 30 01.9	21 16 06	5 51				634042
50642	MEUDON, FRANCE	2715	8 24	1 30 05.1			199 29	45 33		637109
50643	MEUDON, FRANCE	2715	8 24	1 31 09.1			184 34	41 59		637109
53146	BRATISLAVA-P, CZECH.	5702	8 24	1 31 58.0	22 21 12	- 1 27				634042
50644	MEUDON, FRANCE	2715	8 24	1 32 02.7			174 37	37 50		637109
50715	EL GULEA, ALG.	6411	8 24	1 32 10.0			2 00	64 12		845309
50645	MEUDON, FRANCE	2715	8 24	1 33 02.6			166 06	32 51		637109
50716	EL GULEA, ALG.	6411	8 24	1 33 15.0			37 30	67 42		845309
50646	MEUDON, FRANCE	2715	8 24	1 34 04.2			159 37	27 47		637109
50717	EL GULEA, ALG.	6411	8 24	1 34 10.0			66 36	64 00		845309
50647	MEUDON, FRANCE	2715	8 24	1 35 11.2			154 14	22 29		637109

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52575	ATHENS, GREECE	2706	8 24	1 35 20.3			232 12	40 18		637309
50718	EL GULEA, ALG.	6411	8 24	1 36 00.0			94 18	48 54		845309
50648	MEUDON, FRANCE	2715	8 24	1 36 09.2			150 44	18 24		637109
53147	BRATISLAVA-P, CZECH.	5702	8 24	1 37 00.4	0 47 42	-21 45				634042
50649	MEUDON, FRANCE	2715	8 24	1 37 29.2			146 53	13 15		637109
50719	EL GULEA, ALG.	6411	8 24	1 38 00.0			105 36	33 48		845309
50720	EL GULEA, ALG.	6411	8 24	1 40 00.0			111 06	22 48		845309
52576	ATHENS, GREECE	2706	8 24	1 40 13.3			180 48	27 24		637309
50721	EL GULEA, ALG.	6411	8 24	1 42 00.0			114 18	14 06		845309
52577	ATHENS, GREECE	2706	8 24	1 43 42.8			165 06	13 54		637309
50722	EL GULEA, ALG.	6411	8 24	1 44 00.0			116 30	7 06		845309
50723	EL GULEA, ALG.	6411	8 24	1 45 00.0			117 30	3 54		845309
52578	ATHENS, GREECE	2706	8 24	1 47 05.3			157 06	3 30		637309
31713	ALBUQUERQUE, N.M.	8579	8 24	2 28 17.9			180 00	63 48		845302
31714	TUCSON, ARIZ.	0003	8 24	2 57 47.4			248 12	9 30		845303
31715	TUCSON, ARIZ.	0003	8 24	3 00 52.5			255 00	23 06		845303
31719	DAYTON, OHIO	8557	8 24	3 07 52.4			275 34	19 19		845303
31724	EDINBURG, TEX.	0066	8 24	3 08 16.1			325 30	28 30		845303
32205	ST. LOUIS, MO.	0140	8 24	3 08 31.7	14 38 36	27 06				845032
31725	EDINBURG, TEX.	0066	8 24	3 08 51.3			331 30	28 45		845303
31720	DAYTON, OHIO	8557	8 24	3 08 52.9			279 12	23 18		845303
31716	TUCSON, ARIZ.	0003	8 24	3 09 23.0			21 54	47 30		845303
32905	DENVER, COLO.	8582	8 24	3 09 30.0			336 45 00	83 00 00		845303
33961	SAN ANTONIO, TEX.	0096	8 24	3 10 15.3	14 42	75 00				845042
31729	DALLAS, TEX.	0129	8 24	3 10 21.3	15 15 00	67 36				845043
31717	TUCSON, ARIZ.	0003	8 24	3 10 34.0			31 48	38 06		845303
31726	EDINBURG, TEX.	0066	8 24	3 10 36.4			350	28 15		845303
31727	EDINBURG, TEX.	0066	8 24	3 11 22.3			357 30	26 45		845303
31718	TUCSON, ARIZ.	0003	8 24	3 11 51.1			38 12	29 48		845303
31728	EDINBURG, TEX.	0066	8 24	3 11 59.0			3	25 45		845303
32206	ST. LOUIS, MO.	0140	8 24	3 13 17.5	18 35 48	70 30				845032
31696	BILOXI, MISS.	0090	8 24	3 13 55.5			0	30 36		845302
31730	DALLAS, TEX.	0129	8 24	3 14 00.15	0 30 36	70 45				845043
31699	TERRE HAUTE, IND.	8127	8 24	3 14 19.1			0	58 10		845303
32207	ST. LOUIS, MO.	0140	8 24	3 15 10.1	23 06 00	66 42				845032
31721	DAYTON, OHIO	8557	8 24	3 16 02.8			21 03	53 28		845303
31712	SILVER SPRING, MD.	0032	8 24	3 16 49.2			0	52 30		845302
31722	DAYTON, OHIO	8557	8 24	3 17 12.0			38 24	46 48		845303
31723	DAYTON, OHIO	8557	8 24	3 17 49.4	0 38	56 42				845001
31156	CINCINNATI, OHIO	0050	8 24	3 20 04.0	1 41 00	41 15				845004
10403	SAN FERNANDO-BN, SP.	9004	8 24	3 34 03.40	22 57 18	1 31				434013
50724	EL GULEA, ALG.	6411	8 24	3 35 00.0			261 12	32 06		845309
50725	EL GULEA, ALG.	6411	8 24	3 37 00.0			239 12	37 48		845309
50726	EL GULEA, ALG.	6411	8 24	3 38 00.0			327 12	38 30		845309
50727	EL GULEA, ALG.	6411	8 24	3 39 00.0			214 42	37 30		845309
50728	EL GULEA, ALG.	6411	8 24	3 41 00.0			194 18	32 00		845309
50729	EL GULEA, ALG.	6411	8 24	3 43 00.0			180 00	23 18		845309
50730	EL GULEA, ALG.	6411	8 24	3 45 00.0			170 18	16 36		845309
50731	EL GULEA, ALG.	6411	8 24	3 47 00.0			164 00	10 06		845309
50732	EL GULEA, ALG.	6411	8 24	3 49 00.0			159 12	5 36		845309
32208	SAN JOSE, CAL.	8573	8 24	5 05 01.4	14 13 44	19 06				845003
32780	VAN NUYS, CAL.	0113	8 24	5 12 00.7	17 57 44	83 09				845043
32781	VAN NUYS, CAL.	0113	8 24	5 12 04.1	18 40	83 27				845043
32782	WHITTIER, CAL.	8566	8 24	5 12 20.2			0 00 00	40 01 12		845304
31731	CHINA LAKE, CAL.	0098	8 24	5 12 25.9			0 00	44 21 36		641303
31732	EDINBURG, TEX.	0066	8 24	5 15 00.8			344	18 10		845303
31733	EDINBURG, TEX.	0066	8 24	5 15 36.8			348 45	19		845303
31734	EDINBURG, TEX.	0066	8 24	5 16 12.4			353 30	19 30		845303
32783	WHITTIER, CAL.	8566	8 24	5 17 57.5			46 50 24	17 38 24		845303
31735	EDINBURG, TEX.	0066	8 24	5 18 18.9			10 30	19 30		845303
31697	BILOXI, MISS.	0090	8 24	5 19 08.5			0	29 06		845302
31736	EDINBURG, TEX.	0066	8 24	5 19 11.5			17	18 45		845303
31157	CINCINNATI, OHIO	8555	8 24	5 20 48.7			13 30	58 54		845302
31737	DAYTON, OHIO	8557	8 24	5 21 57.4	0 42	56 48				845001
30980	DAYTON, OHIO	8557	8 24	5 24 57.4			79 12	36 53		845303
32904	CINCINNATI, OHIO	8555	8 24	5 26 31.4			84 00	26 48		845302
30981	DAYTON, OHIO	8557	8 24	5 28 30			91 54	16 45		845303
32209	SAN JOSE, CAL.	8573	8 24	7 13 33.7	14 43 09	27 09				845002
32777	WHITTIER, CAL.	8566	8 24	7 13 34.5			321 15 00	24 15 00		845303
32778	WHITTIER, CAL.	8566	8 24	7 17 34.3			0 00 00	38 47 24		845304
30961	ALAMOGORDO, N.M.	0102	8 24	7 20 37			0	42 30		845302
30951	ALBUQUERQUE, N.M.	0041	8 24	7 22 11.2	1 31	61				845041
32926	LAS CRUCES, N.M.	0042	8 24	7 22 16	2 40	62				845041
52711	WESTFIELD-P, MASS.	5021	8 24	7 22 17	19 25	21 24				637007
31161	TERRE HAUTE, IND.	8127	8 24	7 22 42.9	20 20 30	39 57				845043
30955	EDINBURG, TEX.	0066	8 24	7 23 00.5			2 30	33		845303
32779	WHITTIER, CAL.	8566	8 24	7 23 06.2			60 44 24	25 40 48		845303
30982	DAYTON, OHIO	8557	8 24	7 23 10.9			275 28	54 18		845303
31158	CINCINNATI, OHIO	8555	8 24	7 23 18.8			283 54	49 54		845302
31345	LAS CRUCES, N.M.	0042	8 24	7 23 38	3 00	53 18				845002
52712	WESTFIELD-P, MASS.	5021	8 24	7 23 49	20 12	19 24				637007
31162	TERRE HAUTE, IND.	8127	8 24	7 24 10.6			156	66		845301
30956	EDINBURG, TEX.	0066	8 24	7 24 34.1			20	36 20		845303
32927	LAS CRUCES, N.M.	0042	8 24	7 24 54	3 20	49 48				845042
30957	EDINBURG, TEX.	0066	8 24	7 25 22.9			30	36 20		845303
31743	BILOXI, MISS.	0090	8 24	7 25 33			0	58 00		845302
31159	CANTON, OHIO	0053	8 24	7 25 56.3	22 30	19 48				845043
30960	ROANOKE, VA.	0073	8 24	7 26 00	20 05	38				845042
30973	DENVER, COLO.	8582	8 24	7 26 41.0			98 00 00	30 45 00		845302
31744	BILOXI, MISS.	0090	8 24	7 29 51			90	47 30		845302
30983	DAYTON, OHIO	8557	8 24	7 30 07.2			146 38	40 41		845303
10410	JUPITER-BN, FLA.	9010	8 24	7 30 27.85	1 42 24	33 37				434013
30972	ROCHESTER, N.Y.	8564	8 24	7 30 27.9			173 30	33 12		845302
32911	ALAMOGORDO, N.M.	0102	8 24	7 30 32			90	12		845302
32902	CINCINNATI, OHIO	8555	8 24	7 30 33.8			141 48	38 48		845302

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30958	EDINBURG, TEX.	0066	8 24	7 31 06.6			81	20 20		845303
31742	DAYTON, OHIO	8557	8 24	7 31 28.4	2 14 18	-10 23				845003
30959	EDINBURG, TEX.	0066	8 24	7 31 45.4			84 20	18 20		845303
32051	W. PALM BEACH, FLA.	0016	8 24	7 32 41			102	52 30		845302
10416	CURACAO-BN, N.W.I.	9009	8 24	7 32 55.01	0 27 30	59 30				434013
31163	TERRE HAUTE, IND.	8127	8 24	7 34 21.4			131	14		845303
10417	CURACAO-BN, N.W.I.	9009	8 24	7 37 23.51	3 29 48	20 25				434013
30979	DALLAS, TEX.	0129	8 24	9 21 48.0	19 03 00	30 24				845043
31215	WHITTIER-D, CAL.	8566	8 24	9 22 14.2			324 02 24	55 07 12		845303
30974	EDINBURG, TEX.	0066	8 24	9 22 25.3			308 48	15		845303
30975	EDINBURG, TEX.	0066	8 24	9 23 01.7			308 20	17 30		845303
31164	WALNUT CREEK, CAL.	8535	8 24	9 23 35.1	0 17 00	36 22				845003
30984	DENVER, COLO.	8582	8 24	9 23 42.0			264 00	43 00		845303
31216	WHITTIER, CAL.	8566	8 24	9 24 04			356	75 06		845303
32912	ALAMOGORDO, N.M.	0102	8 24	9 28 31			180	71		845302
30985	DENVER, COLO.	8582	8 24	9 29 09.0			175 30	43 30		845301
30976	EDINBURG, TEX.	0066	8 24	9 29 32.0			279 30	67		845303
30977	EDINBURG, TEX.	0066	8 24	9 30 19.8			256	74 30		845303
30978	EDINBURG, TEX.	0066	8 24	9 31 09.4			211 20	76 15		845303
31217	WHITTIER, CAL.	8566	8 24	9 31 12.0			117 48	25 06		845303
10411	JUPITER-BN, FLA.	9010	8 24	9 31 24.87	22 07 06	5 22				434013
31745	W. PALM BEACH, FLA.	0016	8 24	9 33 22			246	31 30		845302
31346	LAS CRUCES, N.M.	0042	8 24	9 34 38	3 25	-21 48				845002
10418	AREQUIPA-BN, PERU	9007	8 24	9 48 14.78	4 10 24	- 0 43				434013
33926	SAN JUAN, ARG.	0812	8 24	9 50 07.5	4 22 00	22 12				845042
33927	SAN JUAN, ARG.	0812	8 24	9 56 28.0	6 58 12	3 42				845042
33928	SAN JUAN, ARG.	0812	8 24	9 56 58.0	7 09 48	1 24				845042
32210	QUEZON CITY, PH.IS.	0500	8 24	10 51 49			298	28		845302
32214	QUEZON CITY, PH.IS.	8563	8 24	10 52 51			309	30 30		845302
32215	QUEZON CITY, PH.IS.	8563	8 24	10 53 47			320	31		845302
32211	QUEZON CITY, PH.IS.	0500	8 24	10 55 14			334	31		845302
32218	PASAY CITY, PH.IS.	0501	8 24	10 56 39			346	30		845302
32216	QUEZON CITY, PH.IS.	8563	8 24	10 57 45			358	22 12		845302
32212	QUEZON CITY, PH.IS.	0500	8 24	10 59 02			6	20		845302
33672	YATSUSHIRO, JAPAN	0272	8 24	11 01 06			0 00	57 48		845302
32217	QUEZON CITY, PH.IS.	8563	8 24	11 02 29			22	7		845302
32213	QUEZON CITY, PH.IS.	0500	8 24	11 03 44.5			25	6		845302
33673	MIZUSAWA, JAPAN	0267	8 24	11 05 00			25 42	61 18		845302
33671	ASAHIKAWA, JAPAN	0201	8 24	11 05 53.8	20 50	47 42				845002
10424	MAUI-BN, HAWAII	9012	8 24	11 21 00.77	3 18 30	78 29				434013
10425	MAUI-BN, HAWAII	9012	8 24	11 25 53.32	4 06 18	38 40				434013
31347	LAS CRUCES, N.M.	0042	8 24	11 28 50	22 00	- 2 24				845001
33674	ASAHIKAWA, JAPAN	0201	8 24	13 06 25.6	16 26 36	42 00				845002
33677	YATSUSHIRO, JAPAN	0272	8 24	13 07 07			0 00	33 00		845302
33675	KONKO, JAPAN	0224	8 24	13 07 44.8	20 05 00	87 00				845002
33678	MIZUSAWA, JAPAN	0267	8 24	13 10 00			10 18	52 12		845302
33676	SAPPORO, JAPAN	0245	8 24	13 13 22	1 15	38				845002
10426	MAUI-BN, HAWAII	9012	8 24	13 24 54.51	21 43 42	47 11				434013
51178	TASHKENT, USSR	1075	8 24	14 59 15.4	20 08 30	39 18				845009
33679	YATSUSHIRO, JAPAN	0272	8 24	15 12 25			0 00	39 24		845302
31334	KAGOSHIMA, JAPAN	0218	8 24	15 16 18.0	3 06 00	49 36				845042
10436	SHIRAZ-BN, IRAN	9008	8 24	16 58 16.26	15 31 00	81 40				434013
51179	TASHKENT, USSR	1075	8 24	16 58 45.8	15 12 30	33 36				845009
51182	STALINABAD, USSR	1068	8 24	17 01 34.2	16 29 12	67 06				845009
51183	STALINABAD, USSR	1068	8 24	17 03 46.5	22 30 18	74 30				845009
51180	TASHKENT, USSR	1075	8 24	17 05 26.7	0 07 00	56 18				845009
51184	STALINABAD, USSR	1068	8 24	17 05 30.5	0 53 18	60 06				845009
31335	KAGOSHIMA, JAPAN	0218	8 24	17 14 37	19 17 30	49 54				845042
52579	ATHENS, GREECE	2706	8 24	18 48 26.2			259 48	12 54		637309
52580	ATHENS, GREECE	2706	8 24	18 50 58.7			265 54	25 06		637309
52594	LARISSA, GREECE	8113	8 24	18 51 20	14 32	15 00				845009
52595	LARISSA, GREECE	8113	8 24	18 53 30	15 26	32 00				845009
52581	ATHENS, GREECE	2706	8 24	18 54 08.7			285 18	47 36		637309
32221	BERLIN, GER.	0700	8 24	18 55 30.2			167 12	42 18		845303
52596	LARISSA, GREECE	8113	8 24	18 55 50	17 32	35 00				845009
53041	BRNO, CZECH.	2720	8 24	18 56 15.8	18 55 00	17 30				737041
53042	BRNO, CZECH.	2720	8 24	18 56 16.0	18 55 00	17 30				737042
32222	BERLIN, GER.	0700	8 24	18 56 27.3			152 12	43 48		845303
52582	ATHENS, GREECE	2706	8 24	18 56 40.4			341 48	62 12		637309
53043	BRNO, CZECH.	2720	8 24	18 56 46.2	19 23 30	19 48				737041
32223	BERLIN, GER.	0700	8 24	18 58 32.0			121 48	39 00		845303
10437	SHIRAZ-BN, IRAN	9008	8 24	18 58 59.86	13 53 00	49 22				434013
52583	ATHENS, GREECE	2706	8 24	19 00 31.7			43 24	37 36		637309
52597	LARISSA, GREECE	8113	8 24	19 02 40	0 46	37 30				845009
52584	ATHENS, GREECE	2706	8 24	19 02 49.2			53 12	23 30		637309
52598	LARISSA, GREECE	8113	8 24	19 03 12	0 55	34 00				845009
51181	TASHKENT, USSR	1075	8 24	19 05 32.6	17 35 00	53 12				845009
52585	ATHENS, GREECE	2706	8 24	19 06 18.2			60 18	8 42		637309
51185	STALINABAD, USSR	1068	8 24	19 06 39.3	18 17 06	67 30				845009
51186	STALINABAD, USSR	1068	8 24	19 08 25.9	22 31 30	70 06				845009
51187	STALINABAD, USSR	1068	8 24	19 10 56.4	1 36 12	47 42				845009
31337	KAGOSHIMA, JAPAN	0218	8 24	19 23 03	22 46 00	- 7 30				845042
32219	PASAY CITY, PH.IS.	0501	8 24	19 26 05			293	79 30		845302
32220	PASAY CITY, PH.IS.	0501	8 24	19 26 38			276	85		845302
32230	ADELAIDE, AUSTR.	0600	8 24	19 41 42.0	5 30	30				845041
32224	TOWNSVILLE, AUSTR.	8578	8 24	19 42 05.4			81 04	83 09		845302
32225	TOWNSVILLE, AUSTR.	8578	8 24	19 42 07.0			92 21	83 07		845302
32226	TOWNSVILLE, AUSTR.	8578	8 24	19 42 07.9			88 17	83 05		845302
32227	TOWNSVILLE, AUSTR.	8578	8 24	19 42 08.1			97 05	82 46		845302
10419	WOOMERA-BN, AUSTR.	9003	8 24	19 42 36.16	5 36 12	10 54				434013
32228	ADELAIDE, AUSTR.	0600	8 24	19 44 39.4			55 30	30 30		845302
32231	ADELAIDE, AUSTR.	8528	8 24	19 46 45.1	7 06 30	- 4 30				845042
32229	ADELAIDE, AUSTR.	0600	8 24	19 48 42.4			88 30	23		845302
50739	MEUDON, FRANCE	2715	8 24	20 50 29.6			247 41	16 48		637109
50740	MEUDON, FRANCE	2715	8 24	20 51 06.8			247 06	19 52		637109

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50741	MEUDON, FRANCE	2715	8 24	20 52 14.1			245 44	26 11		637109
50742	MEUDON, FRANCE	2715	8 24	20 53 11.5			243 59	32 44		637109
51477	BESANCON, FRANCE	2727	8 24	20 53 33.00			255 19	30 58 00		834309
51189	EL GULEA, ALG.	6411	8 24	20 54 00			317 24	27 54		845309
50743	MEUDON, FRANCE	2715	8 24	20 54 03.8			241 39	39 27		637109
51478	BESANCON, FRANCE	2727	8 24	20 54 32.00			254 35	39 59 00		834309
10420	SAN FERNANDO-BN, SP.	9004	8 24	20 54 38.60	16 43 48	65 34				434013
52586	ATHENS, GREECE	2706	8 24	20 54 40.3			291 12	11 06		637309
51190	EL GULEA, ALG.	6411	8 24	20 55 00			332 00	30 48		845309
52599	LARISSA, GREECE	8113	8 24	20 55 00	14 40	27 30				845009
50744	MEUDON, FRANCE	2715	8 24	20 55 15.8			236 04	50 47		637109
51479	BESANCON, FRANCE	2727	8 24	20 55 57.50			253 11	52 42 20		834309
51191	EL GULEA, ALG.	6411	8 24	20 56 00			342 06	31 24		845309
50745	MEUDON, FRANCE	2715	8 24	20 56 01.5			229 22	59 05		637109
53148	BRATISLAVA-P, CZECH.	5702	8 24	20 56 43.6	16 15 00	22 00				634047
51480	BESANCON, FRANCE	2727	8 24	20 56 49.50			250 39	63 13 20		834309
52600	LARISSA, GREECE	8113	8 24	20 56 54	15 00	39 00				845009
50746	MEUDON, FRANCE	2715	8 24	20 57 07.6			206 45	71 05		637109
51192	EL GULEA, ALG.	6411	8 24	20 58 00			1 06	29 48		845309
50747	MEUDON, FRANCE	2715	8 24	20 58 02.8			160 17	75 26		637109
52587	ATHENS, GREECE	2706	8 24	20 58 07.8			305 36	27 30		637309
32232	BERLIN, GER.	0700	8 24	20 58 15.5			226 12	51 00		845303
53149	BRATISLAVA-P, CZECH.	5702	8 24	20 58 28.6	17 15 42	32 04				634047
53150	BRATISLAVA-P, CZECH.	5702	8 24	20 59 08.6	17 49 36	36 01				634047
50748	MEUDON, FRANCE	2715	8 24	20 59 09.6			114 29	67 16		637109
52601	LARISSA, GREECE	8113	8 24	20 59 50	16 33	62 48				845009
53044	BRNO, CZECH.	2720	8 24	20 59 56.7	18 54 00	36 48				737041
51193	EL GULEA, ALG.	6411	8 24	21 00 00			17 12	25 24		845309
50749	MEUDON, FRANCE	2715	8 24	21 00 05.3			100 19	57 02		637109
32233	BERLIN, GER.	0700	8 24	21 00 23.6			178 24	64 12		845303
53045	BRNO, CZECH.	2720	8 24	21 01 08.8	20 23 00	39 36				737041
50750	MEUDON, FRANCE	2715	8 24	21 01 17.1			92 24	45 00		637109
51175	RIGA, USSR	1040	8 24	21 01 35.3	19 52 30	13 42				845009
53046	BRNO, CZECH.	2720	8 24	21 01 48.5	21 15 48	39 12				737041
51194	EL GULEA, ALG.	6411	8 24	21 02 00			31 42	18 36		845309
50751	MEUDON, FRANCE	2715	8 24	21 02 09.8			89 17	37 32		637109
32234	BERLIN, GER.	0700	8 24	21 02 32.0			126 36	53 18		845303
51176	RIGA, USSR	1040	8 24	21 02 38.0	20 40 30	14 06				845009
53047	BRNO, CZECH.	2720	8 24	21 02 44.9	22 21 30	36 24				737041
52588	ATHENS, GREECE	2706	8 24	21 02 55.8			3 12	48 18		637309
50752	MEUDON, FRANCE	2715	8 24	21 03 13.2			86 56	29 59		637109
53151	BRATISLAVA-P, CZECH.	5702	8 24	21 03 28.6	23 06 55	36 53				634047
51195	EL GULEA, ALG.	6411	8 24	21 04 00			51 24	11 54		845309
50753	MEUDON, FRANCE	2715	8 24	21 04 13.0			85 28	24 03		637109
51481	BESANCON, FRANCE	2727	8 24	21 04 26.00			82 34	27 29 20		834309
53048	BRNO, CZECH.	2720	8 24	21 04 51.9	23 41 26	29 06				734042
50754	MEUDON, FRANCE	2715	8 24	21 05 10.3			84 29	19 05		637109
53152	BRATISLAVA-P, CZECH.	5702	8 24	21 05 43.6	0 35 19	25 00				634047
51196	EL GULEA, ALG.	6411	8 24	21 06 00			48 12	5 54		845309
51177	RIGA, USSR	1040	8 24	21 06 00.0	23 08 00	8 30				845009
50755	MEUDON, FRANCE	2715	8 24	21 06 06.6			83 45	14 53		637109
52602	LARISSA, GREECE	8113	8 24	21 06 15	1 45	41 00				845009
51482	BESANCON, FRANCE	2727	8 24	21 06 41.50			82 12	15 55 00		834309
52589	ATHENS, GREECE	2706	8 24	21 06 45.4			54 36	33 42		637309
52603	LARISSA, GREECE	8113	8 24	21 07 17	2 05	39 00				845009
52604	LARISSA, GREECE	8113	8 24	21 08 31	2 17	26 00				845009
51188	STALINABAD, USSR	1068	8 24	21 09 24.8	19 06 42	35 36				845009
52590	ATHENS, GREECE	2706	8 24	21 10 09.8			71 54	17 30		637309
10438	SHIRAZ-BN, IRAN	9008	8 24	21 10 39.67	0 20 30	75 21				434013
32171	PERTH, AUSTR.	0601	8 24	21 39 21.5			3 12	35 30		641302
32235	PERTH, AUSTR.	0601	8 24	21 49 47.6			109 48	22 12		641302
51483	BESANCON, FRANCE	2727	8 24	22 57 38.00			278 42	25 14 00		834309
50756	MEUDON, FRANCE	2715	8 24	22 58 29.8			269 51	37 14		637109
51484	BESANCON, FRANCE	2727	8 24	22 58 50.00			278 04	32 17 20		834309
50757	MEUDON, FRANCE	2715	8 24	22 59 06.3			268 24	42 26		637109
52591	ATHENS, GREECE	2706	8 24	22 59 18.3			301 12	8 48		637309
51485	BESANCON, FRANCE	2727	8 24	22 59 55.00			276 48	42 06 40		834309
50758	MEUDON, FRANCE	2715	8 24	23 00 01.6			264 53	51 26		637109
50759	MEUDON, FRANCE	2715	8 24	23 01 06.7			256 14	63 50		637109
10421	SAN FERNANDO-BN, SP.	9004	8 24	23 01 08.90	22 12 00	82 09				434013
51486	BESANCON, FRANCE	2727	8 24	23 01 32.00			272 49	58 58 40		834309
32236	BERLIN, GER.	0700	8 24	23 01 36.0			250 24	39 30		845303
50760	MEUDON, FRANCE	2715	8 24	23 02 06.5			232 44	75 11		637109
51487	BESANCON, FRANCE	2727	8 24	23 02 43.00			261 36	74 12 00		834309
53153	BRATISLAVA-P, CZECH.	5702	8 24	23 02 52.1	18 43 56	30 16				634047
50761	MEUDON, FRANCE	2715	8 24	23 03 03.6			170 00	78 17		637109
53154	BRATISLAVA-P, CZECH.	5702	8 24	23 03 17.1	19 04 20	30 52				634047
52592	ATHENS, GREECE	2706	8 24	23 03 22.3			306 12	28 18		637309
52605	LARISSA, GREECE	8113	8 24	23 03 40	17 32	45 00				845009
50762	MEUDON, FRANCE	2715	8 24	23 04 04.7			130 20	68 30		637109
51488	BESANCON, FRANCE	2727	8 24	23 04 53.00			123 23	72 06 40		834309
32237	BERLIN, GER.	0700	8 24	23 05 04.6			183 18	54 12		845303
50763	MEUDON, FRANCE	2715	8 24	23 05 09.5			117 59	56 06		637109
52606	LARISSA, GREECE	8113	8 24	23 05 30	19 18	53 00				845009
51489	BESANCON, FRANCE	2727	8 24	23 06 10.00			112 56	56 12 00		834309
50764	MEUDON, FRANCE	2715	8 24	23 06 13.6			112 55	45 24		637109
32238	BERLIN, GER.	0700	8 24	23 06 50.8			147 24	40 06		845303
53155	BRATISLAVA-P, CZECH.	5702	8 24	23 07 00.4	22 40 30	29 27				634042
50765	MEUDON, FRANCE	2715	8 24	23 07 32.5			109 50	34 40		637109
52593	ATHENS, GREECE	2706	8 24	23 07 41.8			333 54	66		637309
50766	MEUDON, FRANCE	2715	8 24	23 08 05.3			109 00	30 55		637109
10439	SHIRAZ-BN, IRAN	9008	8 24	23 19 35.72	1 10 06	- 6 30				434013
52713	WESTFIELD-P, MASS.	5021	8 24	24 51 12	19 39	45 48				637007
32909	N. CANTON, OHIO	8565	8 25	0 48 42.5	18 48 20	33 09				845042

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
31748	FT. BELVOIR, VA.	0077	8 25	0 48 51.5			0 00	82		845302
32203	N. CANTON, OHIO	8544	8 25	0 48 59.1	19 06	35 48				845032
32251	ROANOKE, VA.	0073	8 25	0 49 10	17 12 00	49 25				845042
31750	ROCHESTER, N.Y.	8564	8 25	0 49 46.0	18 56 30	32 18				845033
32253	PITTSBURGH, PA.	8571	8 25	0 49 56.4	18 41	37 54				845042
32256	SILVER SPRING, MD.	0032	8 25	0 49 56.4			0	84		845302
32241	N. CANTON, OHIO	8591	8 25	0 50 05.2	20 16 50	39 12				845042
32254	PITTSBURGH, PA.	8571	8 25	0 50 20.4	18 58 30	39 57				845044
31751	PITTSBURGH, PA.	0059	8 25	0 50 43.7	20 58 12	42 24				845043
32910	N. CANTON, OHIO	8536	8 25	0 50 46	20 45	36 45				641042
31752	PITTSBURGH, PA.	0059	8 25	0 50 54.2	21 15 54	42 36				845043
31749	FT. BELVOIR, VA.	0077	8 25	0 50 56.6			51 30	56 36		845302
32255	PITTSBURGH, PA.	8571	8 25	0 51 07.4	21 15	42 42				845044
50767	MEUDON, FRANCE	2715	8 25	1 03 46.4			259 33	35 26		637109
50768	MEUDON, FRANCE	2715	8 25	1 04 10.9			255 54	37 34		637109
52615	ATHENS, GREECE	2706	8 25	1 04 43.4			294 12	8 12		637309
50769	MEUDON, FRANCE	2715	8 25	1 05 02.9			246 24	42 05		637109
10422	SAN FERNANDO-BN, SP.	9004	8 25	1 05 42.50	21 06 18	62 39				434013
52616	ATHENS, GREECE	2706	8 25	1 06 06.9			279 36	14 24		637309
50770	MEUDON, FRANCE	2715	8 25	1 06 11.1			230 15	46 39		637109
52617	ATHENS, GREECE	2706	8 25	1 18 34.9			175 42	26 48		637309
52618	ATHENS, GREECE	2706	8 25	1 20 47.9			165 42	17 42		637309
52619	ATHENS, GREECE	2706	8 25	1 23 02.9			159 12	9 48		637309
52620	ATHENS, GREECE	2706	8 25	1 24 23.4			156 24	5 36		637309
52419	TRINIDAD IS., TRIN.	4804	8 25	2 07 32			326 30	15 00	3472	895307
52420	TRINIDAD IS., TRIN.	4804	8 25	2 08 41			328 00	20 00	3130	895307
52421	TRINIDAD IS., TRIN.	4804	8 25	2 10 31			331 00	30 00	2620	895307
52422	TRINIDAD IS., TRIN.	4804	8 25	2 11 58			336 42	40 00	2269	895307
52423	TRINIDAD IS., TRIN.	4804	8 25	2 13 12			343 36	50 00	2019	895307
52424	TRINIDAD IS., TRIN.	4804	8 25	2 14 18			355 12	60 00	1852	895307
52425	TRINIDAD IS., TRIN.	4804	8 25	2 15 26			20 00	69 00	1750	895307
52426	TRINIDAD IS., TRIN.	4804	8 25	2 16 00			40 00	71 06	1741	895307
52427	TRINIDAD IS., TRIN.	4804	8 25	2 16 30			60 00	71 48	1750	895307
52428	TRINIDAD IS., TRIN.	4804	8 25	2 16 42			68 18	70 06	1759	895307
32261	TUCSON, ARIZ.	0003	8 25	2 41 02.2			260 48	38 06		845303
32264	CHINA LAKE, CAL.	0098	8 25	2 44 05.9			107 07 12	83 54		641303
32262	TUCSON, ARIZ.	0003	8 25	2 44 45.2			327 06	64 36		845303
32263	TUCSON, ARIZ.	0003	8 25	2 45 50.8			0 00	60 24		845303
32266	EDINBURG, TEX.	0066	8 25	2 46 09.4			324 15	29 30		845303
33962	SAN ANTONIO, TEX.	0096	8 25	2 46 59.6	14 00 42	61 58				845042
32267	EDINBURG, TEX.	0066	8 25	2 47 00.0			333	30		845303
31753	FT. BELVOIR, VA.	0077	8 25	2 47 12.5			286 42	21 06		845302
31754	FT. BELVOIR, VA.	0077	8 25	2 48 03.0	14 23	31 12				845001
33963	SAN ANTONIO, TEX.	0096	8 25	2 48 15.0	14 44	75 00				845042
32269	ST. LOUIS, MO.	0140	8 25	2 48 19.7	15 03 42	41 27				845032
32268	EDINBURG, TEX.	0066	8 25	2 48 36.3			350 45	29		845303
32272	MILWAUKEE, WISC.	0074	8 25	2 48 37.4			270 00	45 36		641304
32274	SAN ANTONIO, TEX.	0089	8 25	2 49 33.1			0	35		845302
52767	BETHPAGE-P, N.Y.	5075	8 25	2 49 50.03	14 48 24	28 54				637007
32270	ST. LOUIS, MO.	0140	8 25	2 50 13.8	16 30 42	61 07				845032
32271	ST. LOUIS, MO.	0140	8 25	2 50 25.5	16 46 36	62 48				845032
32252	ROANOKE, VA.	0073	8 25	2 51 05	19 15 00	50				845042
52768	BETHPAGE-P, N.Y.	5075	8 25	2 51 16.03	15 11 54	38 30				637007
31757	NEW ORLEANS, LA.	0031	8 25	2 51 42			0	31		845302
31758	CHICAGO, ILL.	0020	8 25	2 51 58.4	18 45	60 30				845042
52734	NEW HAVEN-P, CONN.	5048	8 25	2 52 10.0	15 20 42	36 48				637007
32245	TERRE HAUTE, IND.	8127	8 25	2 52 16.8			0	58 53		845303
32247	CINCINNATI, OHIO	8555	8 25	2 52 32.1			348 48	56 30		845302
32273	MILWAUKEE, WISC.	0074	8 25	2 52 49.4			31 36	70 12		641304
33964	SAN ANTONIO, TEX.	0096	8 25	2 53 26.3	1 24	59 50				845042
32284	N. CANTON, OHIO	8584	8 25	2 53 38.9	19 34 17	69 42				845032
32204	N. CANTON, OHIO	8544	8 25	2 53 41.0	19 36 30	69 25				845032
32285	N. CANTON, OHIO	8584	8 25	2 54 01.5	21 17 52	63 20				845032
31702	COLUMBUS, OHIO	0051	8 25	2 54 03.2	21 32 30	70 42				845042
31755	FT. BELVOIR, VA.	0077	8 25	2 54 44.8			0 00	51		845302
32257	SILVER SPRING, MD.	0032	8 25	2 54 47.0			0	53		845302
32289	N. CANTON, OHIO	8544	8 25	2 55 02.2	22 28 30	57 21				845032
32242	N. CANTON, OHIO	8591	8 25	2 55 42	19 10 08	67 12				845042
32286	N. CANTON, OHIO	8565	8 25	2 55 51.3	23 46	58 35				845043
32243	N. CANTON, OHIO	8591	8 25	2 56 05	23 07 30	65 42				845042
31756	FT. BELVOIR, VA.	0077	8 25	2 56 07.9	0 54	60 30				845001
32287	N. CANTON, OHIO	8536	8 25	2 56 35	0 30	53 39				845042
32288	N. CANTON, OHIO	0053	8 25	2 56 59.2	0 31	53 30				845041
32258	SILVER SPRING, MD.	0032	8 25	2 57 14.0	0 56	59 30				845042
31759	CHICAGO, ILL.	0020	8 25	2 57 20.0	0 52	38 00				845042
31760	CHICAGO, ILL.	0020	8 25	2 57 55.0	1 01	34 45				845042
32907	N. CANTON, OHIO	8544	8 25	3 00 39.2	1 44 30	28 00				845032
10429	OLIFANTSFNTN-BN,S.AF	9002	8 25	3 28 47.01	1 09 18	35 22				434013
32282	PRETORIA, S.AFR.	8575	8 25	3 31 18.3	2 12 30	25 24				845002
10430	OLIFANTSFNTN-BN,S.AF	9002	8 25	3 35 40.17	4 12 18	- 3 00				434013
32283	PRETORIA, S.AFR.	8575	8 25	3 37 20.3	5 22 00	-17 18				845002
10431	OLIFANTSFNTN-BN,S.AF	9002	8 25	3 42 41.26	8 39 06	-37 54				434023
32294	CHINA LAKE, CAL.	0098	8 25	4 13 12.8			0 00	51 51 36		641303
32295	SAN JOSE, CAL.	8573	8 25	4 44 56.9	14 30 01	32 18				845003
32297	TUCSON, ARIZ.	0003	8 25	4 47 21.3			311	24 48		845303
32300	WHITTIER-D, CAL.	8566	8 25	4 47 34.2			320 59 24	38 03 00		845303
33965	SAN ANTONIO, TEX.	0096	8 25	4 49 46.7	13 47	49 40				845042
32784	VAN NUYS, CAL.	0113	8 25	4 50 11.3	19 24 46	83 16				845043
32785	VAN NUYS, CAL.	0113	8 25	4 50 13.0	19 33 26	83 20				845043
32301	WHITTIER-D, CAL.	8566	8 25	4 50 16.5			0 00 00	40 04 48		845304
32265	CHINA LAKE, CAL.	0098	8 25	4 50 22.6			0 00	44 48		641303
32303	SAN DIEGO, CAL.	0133	8 25	4 50 27.8	18 35	86 30				845042
32299	TUCSON, ARIZ.	0003	8 25	4 52 05.2			1 00	32 48		845303
32296	SAN JOSE, CAL.	8573	8 25	4 52 51.8	0 03 06	55 03				845003
32306	ALBUQUERQUE, N.M.	8579	8 25	4 53 01.1			0 00	39 24		845302

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32302	WHITTIER-D, CAL.	8566	8 25	4 53 12.0			31 19 12	28 57 36		845303
32309	EDINBURG, TEX.	0066	8 25	4 53 50.1			351	19 10		845303
32310	EDINBURG, TEX.	0066	8 25	4 54 30.6			356 30	19 45		845303
32275	SAN ANTONIO, TEX.	0089	8 25	4 55 02			0	25 30		845302
33966	SAN ANTONIO, TEX.	0096	8 25	4 55 10.7	6 48	85 10				845042
32313	FT. WORTH, TEX.	0139	8 25	4 55 14.6	2 06 00	88 45				845013
32311	EDINBURG, TEX.	0066	8 25	4 55 15.4			2 30	19 45		845303
32298	TUCSON, ARIZ.	0003	8 25	4 56 23.3			38 48	19 54		845303
32314	FT. WORTH, TEX.	0139	8 25	4 57 04.0	2 37 00	71 00				845013
32312	EDINBURG, TEX.	0066	8 25	4 57 14.8			18 15	18 30		845303
32315	FT. WORTH, TEX.	0139	8 25	4 58 54.6	2 41 42	55 12				845013
32239	N. CANTON, OHIO	8559	8 25	4 59 45.6	23 15	59 00				845043
32259	SILVER SPRING, MD.	0032	8 25	5 00 05.0			0	63		845302
32260	SILVER SPRING, MD.	0032	8 25	5 01 41.0	0 30 30	53 10				845042
52714	WESTFIELD-P, MASS.	5021	8 25	5 02 08	23 35 30	42 42				637007
31387	STATE COLLEGE, PA.	0060	8 25	5 02 11.2			72 00	58 36		845302
52769	BETHPAGE-P, N.Y.	5075	8 25	5 02 21.03	0 07 48	45 30				637007
33967	SAN ANTONIO, TEX.	0096	8 25	5 02 48.6	3 19	34 08				845042
52964	SPOKANE, WASH.	8142	8 25	6 55 35.2	21 16 06	42 33				845002
32786	VAN NUYS, CAL.	0113	8 25	6 55 44.1	23 57 15	83 38				845043
32304	SAN DIEGO, CAL.	0133	8 25	6 55 57.8	0 00	86 18				845042
32787	WALNUT CREEK, CAL.	8586	8 25	6 56 51.6	1 25	59 24				845003
32788	WALNUT CREEK, CAL.	8586	8 25	6 56 58.2	1 29	58 51				845003
31338	EDINBURG, TEX.	0066	8 25	6 58 04.5			340 20	22		845303
32307	ALBUQUERQUE, N.M.	8579	8 25	6 58 20.2			0 00	47 48		845302
31339	EDINBURG, TEX.	0066	8 25	6 58 42.5			344 20	24 30		845303
31385	N. CANTON, OHIO	0053	8 25	6 59 53	19 00	31 42				845032
33979	MADISON, WISC.	0148	8 25	7 00 00.0	20 10 00	34 24				845042
52792	MADISON-P, WISC.	5078	8 25	7 00 00.0	20 10 00	34 24				637007
33980	MADISON, WISC.	0148	8 25	7 00 06.5	20 17 00	34 30				845042
52793	MADISON-P, WISC.	5078	8 25	7 00 06.5	20 17 00	34 30				637007
31340	EDINBURG, TEX.	0066	8 25	7 00 17.9			357	29 48		845303
31343	ALBUQUERQUE, N.M.	0041	8 25	7 00 21	1 38	59 48				845042
31341	EDINBURG, TEX.	0066	8 25	7 00 41.8			1	31		845303
32316	FT. WORTH, TEX.	0139	8 25	7 00 54.2	22 53 45	72 18				845003
31342	EDINBURG, TEX.	0066	8 25	7 01 02.3			4 20	32		845303
32305	SAN DIEGO, CAL.	0133	8 25	7 01 03	3 03	41 00				845042
31344	DENVER, COLO.	8582	8 25	7 01 30.0			75 15 00	56 00		845303
32308	ALBUQUERQUE, N.M.	8579	8 25	8 58 55			298	28		845301
33929	SAN JUAN, ARG.	0812	8 25	9 22 57.2	2 10 00	44 00				845042
10427	AREQUIPA-BN, PERU	9007	8 25	9 26 24.37	4 13 12	0 04				434013
34062	SAN JUAN, ARG.	0812	8 25	9 31 38.2	5 56	1 54				845002
10428	VILLA DOLORES-BN,ARG	9011	8 25	9 32 48.21	6 00 12	- 4 28				434013
33930	SAN JUAN, ARG.	0812	8 25	9 36 04.5	7 59 36	-19 00				845042
32317	QUEZON CITY, PH.IS.	8563	8 25	10 29 53.5			298 24	31 00		845302
32318	QUEZON CITY, PH.IS.	8563	8 25	10 31 12.5			313	33		845302
32319	QUEZON CITY, PH.IS.	8563	8 25	10 33 26.5			339	31		845302
32320	QUEZON CITY, PH.IS.	8563	8 25	10 35 44.5			359 30	24		845302
33682	YOKKAICHI, JAPAN	0258	8 25	10 36 09	14 13	21				845002
32321	QUEZON CITY, PH.IS.	8563	8 25	10 37 18.5			10	18 30		845302
33685	YATSUSHIRO, JAPAN	0272	8 25	10 38 55			0 00	58 54		845302
33686	MIZUSAWA, JAPAN	0267	8 25	10 39 45			279 42	64 30		845302
33681	KONKO, JAPAN	0224	8 25	10 39 46.5	17 57	62 36				845002
33680	MUSASHINO, JAPAN	0233	8 25	10 41 30			0 00	57 18		845302
33684	TAKADA, JAPAN	0250	8 25	10 42 50	21 18	63				845002
33683	KANAYA MACHI, JAPAN	0220	8 25	10 43 56	23 25	58				845002
33693	KAGOSHIMA, JAPAN	0218	8 25	12 40 32.4	13 39 30	49 24				845002
33692	MIYAZAKI, JAPAN	0230	8 25	12 41 24.4	13 45 00	54 36				845002
33689	KASHIWABARA, JAPAN	0222	8 25	12 44 38	14 45	75				845002
33690	KANAYA MACHI, JAPAN	0220	8 25	12 44 39	14 36	75				845002
33691	YATSUSHIRO, JAPAN	0272	8 25	12 45 07			0 00	32 30		845302
33688	KONKO, JAPAN	0224	8 25	12 45 48.5	20 05	86 12				845002
33694	MIZUSAWA, JAPAN	0267	8 25	12 46 20			338 06	49 54		845302
33687	MUSASHINO, JAPAN	0233	8 25	12 47 06.2			0 00	41 00		845302
33695	YATSUSHIRO, JAPAN	0272	8 25	14 50 20			0 00	38 12		845302
31388	KAGOSHIMA, JAPAN	0218	8 25	14 52 37.0	2 42 00	65				845042
33697	MIZUSAWA, JAPAN	0267	8 25	14 53 00			359 36	73 18		845302
31389	KAGOSHIMA, JAPAN	0218	8 25	14 53 12.5	2 42 24	58 12				845042
33696	MIYAZAKI, JAPAN	0230	8 25	14 53 18.9	2 39 54	59 42				845002
10443	SHIRAZ-BN, IRAN	9008	8 25	16 34 21.01	13 52 00	62 14				434013
51421	STALINABAD, USSR	1068	8 25	16 36 27.5	14 33 36	37 06				845009
51427	TASHKENT, USSR	1075	8 25	16 39 03.6	16 14 30	53 18				845009
51410	SVERDLOVSK, USSR	1045	8 25	16 39 39.1	20 06 30	10 30				845009
51422	STALINABAD, USSR	1068	8 25	16 39 56.8	16 53 36	70 36				845009
51411	SVERDLOVSK, USSR	1045	8 25	16 40 25.7	19 29 00	9 18				845009
51428	TASHKENT, USSR	1075	8 25	16 45 48.0	48 00 00	10 48				845009
51403	IRKUTSK, USSR	1079	8 25	16 48 09.1	20 57	20 00				845009
51404	IRKUTSK, USSR	1079	8 25	16 50 50.7	23 24	8 12				845009
31390	KAGOSHIMA, JAPAN	0218	8 25	16 50 55	17 27	48 00				845042
31391	KAGOSHIMA, JAPAN	0218	8 25	16 51 21.5	17 48 00	48 54				845042
33698	MIYAZAKI, JAPAN	0230	8 25	16 51 30.0	18 07 30	45 00				845002
52621	ATHENS, GREECE	2706	8 25	18 25 44.5			256 48	10 24		637309
52622	ATHENS, GREECE	2706	8 25	18 29 35.8			265 54	29 24		637309
52289	LVOV, USSR	1031	8 25	18 31 50.3	16 00 30	1 54				845009
51415	UJGOROD, USSR	1055	8 25	18 32 34.6	16 24 00	7 30				845009
52623	ATHENS, GREECE	2706	8 25	18 32 35.8			288 30	52 42		637309
53156	BRATISLAVA-P, CZECH.	5702	8 25	18 32 57.6	17 33 00	12 24				634042
51407	EREVAN, USSR	1018	8 25	18 33 03.8	14 13 00	19 30				845009
52290	LVOV, USSR	1031	8 25	18 33 45.9	17 07 00	11 18				845009
52624	ATHENS, GREECE	2706	8 25	18 34 21.3			332 12	63 48		637309
51426	NIKOLAEV, USSR	1077	8 25	18 34 30.4	16 14 36	21 00				845009
51416	UJGOROD, USSR	1055	8 25	18 34 38.9	18 02 18	20 00				845009
53157	BRATISLAVA-P, CZECH.	5702	8 25	18 35 37.0	19 50 48	23 42				634042
51417	UJGOROD, USSR	1055	8 25	18 36 07.8	19 33 54	25 24				845009
52625	ATHENS, GREECE	2706	8 25	18 38 40.3			45 18	36 24		637309

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52291	LVOV, USSR	1031	8 25	18 38 50.2	21 43 30	26 06				845009
51405	SARATOV, USSR	1044	8 25	18 39 41.7	18 52 12	27 48				845009
51408	EREVAN, USSR	1018	8 25	18 41 01.8	21 48 42	72 18				845009
51406	SARATOV, USSR	1044	8 25	18 41 08.4	20 20 24	30 18				845009
52626	ATHENS, GREECE	2706	8 25	18 41 33.8			55 18	19 24		637309
51423	STALINABAD, USSR	1068	8 25	18 42 12.1	15 51 00	50 12				845009
51409	EREVAN, USSR	1018	8 25	18 43 02.2	0 38 00	55 54				845009
52627	ATHENS, GREECE	2706	8 25	18 44 14.8			60 00	8 36		637309
51424	STALINABAD, USSR	1068	8 25	18 46 58.8	1 98 54	57 42				845009
51429	TASHKENT, USSR	1075	8 25	18 47 59.3	0 12 30	49 48				845009
51430	TASHKENT, USSR	1075	8 25	18 49 17.8	1 09 00	37 42				845009
31392	KAGOSHIMA, JAPAN	0218	8 25	19 04 49	23 37	-26 18				845042
33699	YOKKAICHI, JAPAN	0258	8 25	19 17 26	14 53	80				845002
10433	WOOMERA-BN, AUSTR.	9003	8 25	19 20 53.19	5 33 00	10 29				434013
32323	SYDNEY, AUSTR.	0602	8 25	19 24 30.2	5 33	- 5 24				845042
32324	SYDNEY, AUSTR.	0602	8 25	19 30 11.7	8 48	-28 24				845042
51490	BESANCON, FRANCE	2727	8 25	20 29 42.00			254 04	19 44 00		834309
51491	BESANCON, FRANCE	2727	8 25	20 30 36.00			253 49	24 45 40		834309
51492	BESANCON, FRANCE	2727	8 25	20 31 27.00			252 28	30 16 00		834309
52628	ATHENS, GREECE	2706	8 25	20 32 14.9			289 54	10 42		637309
51493	BESANCON, FRANCE	2727	8 25	20 32 25.50			252 44	37 44 00		834309
10434	SAN FERNANDO-BN, SP.	9004	8 25	20 32 27.90	16 23 30	63 06				434013
51494	BESANCON, FRANCE	2727	8 25	20 33 13.00			251 55	44 47 00		834309
53158	BRATISLAVA-P, CZECH.	5702	8 25	20 34 09.6	15 46 24	18 30				634047
51495	BESANCON, FRANCE	2727	8 25	20 34 23.50			249 14	57 23 20		834309
53049	BRNO, CZECH.	2720	8 25	20 35 19.0	16 28 00	22 36				739041
51496	BESANCON, FRANCE	2727	8 25	20 36 00.00			229 36	79 29 00		834309
51418	UJGOROD, USSR	1055	8 25	20 36 12.6	16 25 00	25 00				845009
53159	BRATISLAVA-P, CZECH.	5702	8 25	20 36 14.6	16 51 04	30 00				634047
52629	ATHENS, GREECE	2706	8 25	20 36 18.4			306 18	28 48		637309
53050	BRNO, CZECH.	2720	8 25	20 37 18.8	17 58 00	33 24				737041
53051	BRNO, CZECH.	2720	8 25	20 37 58.9	18 42 00	36 30				737041
53160	BRATISLAVA-P, CZECH.	5702	8 25	20 38 04.6	18 35 36	40 36				634047
51497	BESANCON, FRANCE	2727	8 25	20 38 18.00			88 59	64 58 00		834309
52630	ATHENS, GREECE	2706	8 25	20 38 24.9			324 48	40 24		637309
51419	UJGOROD, USSR	1055	8 25	20 38 55.2	18 37 00	39 00				845009
51498	BESANCON, FRANCE	2727	8 25	20 39 48.00			84 03	46 44 00		834309
51412	RIGA, USSR	1040	8 25	20 40 39.3	20 28 30	-14 06				845009
52631	ATHENS, GREECE	2706	8 25	20 40 45.6			1 12	48 00		637309
51499	BESANCON, FRANCE	2727	8 25	20 40 49.50			82 54	38 18 00		834309
53161	BRATISLAVA-P, CZECH.	5702	8 25	20 40 54.5	22 19 36	39 44				634047
51500	BESANCON, FRANCE	2727	8 25	20 42 18.50			83 03	27 40 00		834309
53162	BRATISLAVA-P, CZECH.	5702	8 25	20 42 29.5	23 41 26	31 17				634047
51501	BESANCON, FRANCE	2727	8 25	20 43 26.00			82 50	27 16 00		834309
53163	BRATISLAVA-P, CZECH.	5702	8 25	20 43 29.5	0 15 00	26 18				634047
51413	RIGA, USSR	1040	8 25	20 43 52.6	22 51 30	- 9 06				845009
51420	UJGOROD, USSR	1055	8 25	20 43 53.6	23 58 00	26 54				845009
53052	BRNO, CZECH.	2720	8 25	20 44 18.8	0 30 30	20 12				739041
52632	ATHENS, GREECE	2706	8 25	20 44 20.4			50 54	35 00		637309
51502	BESANCON, FRANCE	2727	8 25	20 44 35.00			81 29	15 58 00		834309
51431	TASHKENT, USSR	1075	8 25	20 45 03.9	17 53 00	28 36				845009
53053	BRNO, CZECH.	2720	8 25	20 45 15.8	0 50 38	16 26				734042
51414	RIGA, USSR	1040	8 25	20 45 46.0	23 47 30	- 4 24				845009
53642	BRATISLAVA, CZECH.	5702	8 25	20 46 14.3	22 53 51	36 56				634042
51425	STALINABAD, USSR	1068	8 25	20 47 12.5	18 41 18	36 42				845009
52633	ATHENS, GREECE	2706	8 25	20 47 32.4			69 00	19 18		637309
32792	PERTH, AUSTR.	0601	8 25	21 17 26.8			6 24	34 06		641302
32793	PERTH, AUSTR.	0601	8 25	21 20 47.3			44 48	44 54		641302
32794	PERTH, AUSTR.	0601	8 25	21 23 56.5			83 18	38 36		641302
32795	PERTH, AUSTR.	0601	8 25	21 28 11.7			110 12	19 42		641302
51197	EL GULEA, ALG.	6411	8 25	22 35 00			319 18	16 30		845309
51198	EL GULEA, ALG.	6411	8 25	22 37 00			333 12	23 06		845309
52634	ATHENS, GREECE	2706	8 25	22 37 28.0			301 18	9 30		637309
51503	BESANCON, FRANCE	2727	8 25	22 37 53.00			276 42	41 57 20		834309
51199	EL GULEA, ALG.	6411	8 25	22 39 00.0			350 36	28 06		845309
32325	BERLIN, GER.	0700	8 25	22 39 03.7			254 12	36 30		845303
51504	BESANCON, FRANCE	2727	8 25	22 39 06.00			274 40	54 37 00		834309
10435	SAN FERNANDO-BN, SP.	9004	8 25	22 39 10.20	22 25 12	82 01				434013
51505	BESANCON, FRANCE	2727	8 25	22 40 32.00			266 06	72 42 00		834309
51200	EL GULEA, ALG.	6411	8 25	22 41 00.0			11 42	29 48		845309
32326	BERLIN, GER.	0700	8 25	22 42 30.2			204 06	56 00		845303
32240	N. CANTON, OHIO	8584	8 25	0 45 02.3	15 41 28	6 15				845042
32908	N. CANTON, OHIO	8565	8 25	0 45 04.1	16 23 30	20 29				845042
32244	TERRE HAUTE, IND.	8127	8 25	0 46 38.1			180	66 15		845302
32246	CINCINNATI, OHIO	8555	8 25	0 47 00.9			148 06	78 42		845302
31701	COLUMBUS, OHIO	0051	8 25	0 47 02.0			180	75 12		845303
32202	N. CANTON, OHIO	8544	8 25	0 47 43.5	17 42 30	27 24				845032
52635	ATHENS, GREECE	2706	8 25	22 42 48.0			311 18	38 30		637309
51201	EL GULEA, ALG.	6411	8 25	22 43 00.0			32 12	27 00		845309
51506	BESANCON, FRANCE	2727	8 25	22 44 01.00			110 20	57 05 40		834309
32327	BERLIN, GER.	0700	8 25	22 44 24.8			164 12	50 54		845303
51202	EL GULEA, ALG.	6411	8 25	22 44 40.0			45 18	22 48		845309
51507	BESANCON, FRANCE	2727	8 25	22 45 27.00			107 42	42 32 00		834309
52636	ATHENS, GREECE	2706	8 25	22 45 34.0			336 24	64 30		637309
52770	BETHPAGE-P, N.Y.	5075	8 25	22 47 23.03	14 24 18	16 42				637007
32279	SILVER SPRING, MD.	0032	8 26	0 26 45.2			0	88		845302
32328	BALTIMORE, MD.	0088	8 26	0 26 57			0	88 30		845302
52771	BETHPAGE-P, N.Y.	5075	8 26	0 30 09.03	21 02 36	48 18				637007
52772	BETHPAGE-P, N.Y.	5075	8 26	0 30 41.03	21 37 36	47 12				637007
32290	N. CANTON, OHIO	8544	8 26	0 34 11.8	23 46 20	28 15				845032
52637	ATHENS, GREECE	2706	8 26	0 42 26.0			294 42	8 42		637309
52638	ATHENS, GREECE	2706	8 26	0 43 22.5			292 24	12 00		637309
52773	BETHPAGE-P, N.Y.	5075	8 26	0 51 38.03	16 30 48	9 54				637007
52774	BETHPAGE-P, N.Y.	5075	8 26	0 51 54.03	16 03 54	2 42				637007

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52775	BETHPAGE-P, N.Y.	5075	8 26	0 52 00.03	15 56 48	0 42				637007
52639	ATHENS, GREECE	2706	8 26	1 00 27.3			158 18	12 00		637309
52640	ATHENS, GREECE	2706	8 26	1 02 13.0			154 42	6 18		637309
33968	SAN ANTONIO, TEX.	0096	8 26	2 21 02.6	13 08	24 50				845042
32329	EDINBURG, TEX.	0066	8 26	2 21 31.4			299	24		845303
33969	SAN ANTONIO, TEX.	0096	8 26	2 23 48.7	13 36	49 21				845042
32330	EDINBURG, TEX.	0066	8 26	2 24 39.5			330	31 15		845303
32332	ALBUQUERQUE, N.M.	8579	8 26	2 25 04.0			0 00	66 54		845302
32291	N. CANTON, OHIO	8544	8 26	2 25 21.0	14 15	19 30				845032
33040	DAYTON, OHIO	8557	8 26	2 25 25.4			278 12	28 18		845303
32331	EDINBURG, TEX.	0066	8 26	2 26 06.8			346	30 30		845303
33041	DAYTON, OHIO	8557	8 26	2 26 09.4			279 02	32 28		845303
33970	SAN ANTONIO, TEX.	0096	8 26	2 26 16	14 40 18	75 06				845042
32335	BILOXI, MISS.	0090	8 26	2 29 48			0	31 30		845302
32336	TERRE HAUTE, IND.	8127	8 26	2 30 12.5			0	60 00		845302
51205	ST. LOUIS, MO.	5082	8 26	2 30 15.0	20 53 18	70 06				637007
32248	CINCINNATI, OHIO	8555	8 26	2 30 25.6			347 42	57 30		845302
32338	PITTSBURGH, PA.	0059	8 26	2 30 30.6	16 30 48	60 57				845043
32339	ROCHESTER, N.Y.	8564	8 26	2 31 34.6	17 49	57 24				845034
33971	SAN ANTONIO, TEX.	0096	8 26	2 31 38.0	1 15 00	58 00				845042
32292	N. CANTON, OHIO	8584	8 26	2 31 43.9	19 41 25	69 15				845032
32293	N. CANTON, OHIO	8544	8 26	2 31 47.6	19 46	69 08				845032
32340	N. CANTON, OHIO	8584	8 26	2 32 00.5	20 26 30	69 05				845032
32280	SILVER SPRING, MD.	0032	8 26	2 32 03			0	53		845302
32345	CINCINNATI, OHIO	0050	8 26	2 32 06			24 00	50 42		845302
52729	PATERSON-P, N.J.	5022	8 26	2 33 22.0	19 49 12	71 24				637007
32341	N. CANTON, OHIO	8565	8 26	2 33 43.5	21 56 00	65 52				845043
32343	N. CANTON, OHIO	8536	8 26	2 35 42.3	0 39 54	46 00				641042
33042	DAYTON, OHIO	8557	8 26	2 35 44.6			63 22	32 00		845303
32344	N. CANTON, OHIO	8536	8 26	2 36 55	1 10	36 00				641042
32342	N. CANTON, OHIO	0053	8 26	2 37 35.8	1 19	33 30				845043
33043	DAYTON, OHIO	8557	8 26	2 41 48.2			69 04	3 36		845303
10432	OLIFANTSFNTN-BN,S.AF	9002	8 26	3 12 44.00	3 37 54	6 15				434013
51203	CAPETOWN, S.AFR.	5400	8 26	3 12 56.2	5 02 00	18 54				637007
51204	CAPETOWN, S.AFR.	5400	8 26	3 13 56.3	5 24 54	13 24				637007
32350	CHICAGO, ILL.	0020	8 26	3 30 42			0 00	72 30		845302
32923	CALGARY, CAN.	0452	8 26	4 24 19.4	15 44 48	6 12				845042
32351	SAN DIEGO, CAL.	0133	8 26	4 24 39.3	13 43	49 42				845042
32352	SAN DIEGO, CAL.	0133	8 26	4 27 10.8	14 16	77 24				845042
32355	CHINA LAKE, CAL.	0098	8 26	4 28 18.0			0 00	45 40 12		641303
33972	SAN ANTONIO, TEX.	0096	8 26	4 28 34.4	13 30	55 33				845042
32353	SAN DIEGO, CAL.	0133	8 26	4 28 55.4	22 55	84 30				845042
31394	CALGARY, CANADA	0452	8 26	4 29 09.4	19 09 06	-26 42				845042
32356	TUCSON, ARIZ.	0003	8 26	4 29 58			0 30	32 24		845303
32346	CINCINNATI, OHIO	0050	8 26	4 30 28			300 12	22 18		845302
32333	ALBUQUERQUE, N.M.	8579	8 26	4 30 57.0			0 00	39 30		845302
33973	SAN ANTONIO, TEX.	0096	8 26	4 30 58.4	13 11	73 08				845042
32357	ALAMOGORDO, N.M.	0102	8 26	4 31 09			0	32 48		845302
32354	SAN DIEGO, CAL.	0133	8 26	4 32 04.8	1 33	58 36				845042
32358	NEW ORLEANS, LA.	0031	8 26	4 34 55			0	27 30		845302
32359	MILWAUKEE, WISC.	0074	8 26	4 35 35.6			15 48	70 42		641304
32249	CINCINNATI, OHIO	8555	8 26	4 36 35.1			11 18	56 30		845302
32360	MILWAUKEE, WISC.	0074	8 26	4 37 47.0			70 06	53 18		641304
10440	JUPITER-BN, FLA.	9010	8 26	4 39 48.38	3 22 48	67 34				434013
32250	CINCINNATI, OHIO	8555	8 26	4 39 56			70 00	38 00		845302
32347	CINCINNATI, OHIO	0050	8 26	4 40 00.0	1 45 30	39 06				845004
10441	JUPITER-BN, FLA.	9010	8 26	4 40 22.29	3 20 18	62 50				434013
32363	FT. WORTH, TEX.	0139	8 26	5 35 28.8	2 21 48	66 42				845013
10479	MAUI-BN, HAWAII	9012	8 26	6 20 37.75	12 16 00	63 19				434013
32364	SAN JOSE, CAL.	8573	8 26	6 29 44.5	14 30 23	38 14				845003
32924	CALGARY, CAN.	0452	8 26	6 32 45.2	19 34 00	29 24				845042
32367	WHITTIER-D, CAL.	8566	8 26	6 34 12.8			10 46 48	35 40 48		845304
32925	CALGARY, CAN.	0452	8 26	6 34 30.0	21 24 36	27 18				845042
32365	SAN JOSE, CAL.	8573	8 26	6 34 52.0	15 23 59	61 13				845003
32361	MILWAUKEE, WISC.	0074	8 26	6 35 39.0			286 12	32 00		641304
32334	ALBUQUERQUE, N.M.	8579	8 26	6 36 12.8			0 00	46 42		845302
32362	MILWAUKEE, WISC.	0074	8 26	6 37 45.0			276 42	49 06		641304
52758	CHICAGO-P, ILL.	5074	8 26	6 38 17.5	19 27 00	37 48				637007
32366	SAN JOSE, CAL.	8573	8 26	6 38 58.0	1 23 02	60 46				845003
32368	PUEBLA, MEX.	0900	8 26	8 57 17.8	4 38 54	-27 00				845043
33931	SAN JUAN, ARG.	0812	8 26	9 05 00.0	3 41 18	29 48				845042
33933	SAN JUAN, ARG.	0812	8 26	9 06 05.0	4 08 54	32 06				845042
10444	VILLA DOLORES-BN,ARG	9011	8 26	9 07 36.42	4 15 06	16 47				434013
33934	SAN JUAN, ARG.	0812	8 26	9 10 00.0	5 35 18	16 00				845042
34063	SAN JUAN, ARG.	0812	8 26	9 13 00.0	7 18	-14 00				845002
33932	SAN JUAN, ARG.	0812	8 26	9 19 15.9	9 45 00	-25 42				845042
33707	KANAYA MACHI, JAPAN	0220	8 26	10 13 40	13 54	19				845002
10460	TOKYO-BN, JAPAN	9005	8 26	10 14 18.80	13 47 24	17 35				434013
33701	MITAKA, JAPAN	0229	8 26	10 15 28.9			275 00	43 12		845302
33711	YATSUSHIRO, JAPAN	0272	8 26	10 16 45			0 00	63 30		845302
33702	MITAKA, JAPAN	0229	8 26	10 17 30.6			305 42	58 54		845302
33705	MUSASHINO, JAPAN	0233	8 26	10 17 58.2			315 00	60 18		845302
33710	TOKUSHIMA, JAPAN	0253	8 26	10 18 03			0 00	60 00		845302
33706	YOKKAICHI, JAPAN	0258	8 26	10 18 08	16 50	60				845002
33712	HIGASHIMATSUYAMA,JAP	0210	8 26	10 18 49.8	16 52 30	60 30				845002
33700	MITAKA, JAPAN	0229	8 26	10 19 26.03			0 00	58 42		845302
33708	SAPPORO, JAPAN	0245	8 26	10 20 33	18 54	44				845002
33709	TAKADA, JAPAN	0250	8 26	10 20 41	20 49	62				845002
33703	MITAKA, JAPAN	0229	8 26	10 21 23.6			31 12	44 30		845302
33713	MIZUSAWA, JAPAN	0267	8 26	10 22 00			43 18	51 12		845302
33704	MITAKA, JAPAN	0229	8 26	10 23 20.2			43 30	30 30		845302
31424	ASAHIKAWA, JAPAN	0201	8 26	10 32 15.6	0 50	16				845042
33725	MIYAZAKI, JAPAN	0230	8 26	12 19 29.2	13 31 30	55 36				845002
33714	MITAKA, JAPAN	0229	8 26	12 20 55.5			312 06	28 12		845302
10461	TOKYO-BN, JAPAN	9005	8 26	12 21 11.20	14 13 36	51 42				434013

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33722	KANAYA MACHI, JAPAN	0220	8 26	12 22 40	14 30	76				845002
33721	KASHIWABARA, JAPAN	0222	8 26	12 22 46	14 35	76				845002
33717	SENDAI, JAPAN	0246	8 26	12 22 56			320 30	42 00		845302
33724	YATSUSHIRO, JAPAN	0272	8 26	12 22 58			0 00	32 48		845302
33715	MITAKA, JAPAN	0229	8 26	12 23 18.0			336 12	37 48		845302
33719	KONKO, JAPAN	0224	8 26	12 23 41.0	20 30 00	86 24				845002
33727	MIZUSAWA, JAPAN	0267	8 26	12 25 00			351 48	51 48		845302
33718	MUSASHINO, JAPAN	0233	8 26	12 25 00.0			0 00	41 00		845302
33726	HIGASHIMATSUYAMA,JAP	0210	8 26	12 25 23.2	22 47	88 54				845002
33716	MITAKA, JAPAN	0229	8 26	12 27 03.6			27 24	36 00		845302
33720	YOKKAICHI, JAPAN	0258	8 26	12 27 10	1 43	62				845002
33723	SAPPORO, JAPAN	0245	8 26	12 28 19	22 05	62				845002
31425	ASAHIKAWA, JAPAN	0201	8 26	12 32 58.2	1 43 00	18 42				845042
33732	SAPPORO, JAPAN	0245	8 26	14 26 23	17 17	39				845002
33731	KANAYA MACHI, JAPAN	0220	8 26	14 26 46	16 06	66				845002
33733	YATSUSHIRO, JAPAN	0272	8 26	14 28 12			0 00	37 24		845302
33728	MITAKA, JAPAN	0229	8 26	14 29 28.2			343 36	48 42		845302
33730	KASHIWABARA, JAPAN	0222	8 26	14 29 45	23 20	77				845002
33734	MIZUSAWA, JAPAN	0267	8 26	14 30 00			333 48	64 24		845302
33729	ASAHIKAWA, JAPAN	0201	8 26	14 31 23.2	22 28	37				845002
10460	MAUI-RN, HAWAII	9012	8 26	14 48 34.43	22 50 36	-16 21				434013
33735	SAPPORO, JAPAN	0245	8 26	16 09 05	18 43	22				845002
52305	STALINABAD, USSR	1068	8 26	16 12 13.3	13 51 48	21 18				845009
10464	SHIRAZ-BN, IRAN	9008	8 26	16 13 27.75	14 29 54	74 17				434013
52306	STALINABAD, USSR	1068	8 26	16 14 20.7	14 18 42	35 36				845009
52307	STALINABAD, USSR	1068	8 26	16 16 47.9	15 24 36	59 00				845009
52297	TASHKENT, USSR	1075	8 26	16 19 33.8	15 07 18	39 06				845009
52298	TASHKENT, USSR	1075	8 26	16 19 45.1	21 13 30	66 36				845009
52299	TASHKENT, USSR	1075	8 26	16 23 55.5	0 54 00	38 18				845009
31427	KONKO, JAPAN	0224	8 26	16 29 27.5	18 04 00	39 30				845042
52641	ATHENS, GREECE	2706	8 26	18 03 24.9			254 36	9 12		637309
52642	ATHENS, GREECE	2706	8 26	18 07 56.9			265 06	32 36		637309
52643	ATHENS, GREECE	2706	8 26	18 12 39.7			342 12	65 48		637309
52644	ATHENS, GREECE	2706	8 26	18 18 14.9			52 24	25 42		637309
10465	SHIRAZ-BN, IRAN	9008	8 26	18 19 38.73	11 05 36	84 22				434013
52300	TASHKENT, USSR	1075	8 26	18 21 59.2	17 28 30	57 54				845009
52645	ATHENS, GREECE	2706	8 26	18 22 00.9			59 30	8 54		637309
52301	TASHKENT, USSR	1075	8 26	18 25 49.6	0 00 00	51 36				845009
52302	TASHKENT, USSR	1075	8 26	18 27 02.5	0 52 30	40 18				845009
33736	KAGOSHIMA, JAPAN	0218	8 26	18 46 14	1 23 00	-41 48				845002
10450	WOOMERA-BN, AUSTR.	9003	8 26	18 57 40.96	4 55 48	17 45				434013
32370	SYDNEY, AUSTR.	0602	8 26	19 02 40.3	5 32 30	- 5 00				845042
32199	ADELAIDE, AUSTR.	0600	8 26	19 06 47.2			99	14 45		845302
32200	ADELAIDE, AUSTR.	0600	8 26	19 07 13.4			101 15	13 18 00		845302
32371	SYDNEY, AUSTR.	0602	8 26	19 09 45.8	8 48	-27 48				845042
51212	MEUDON, FRANCE	2715	8 26	20 06 29.6			244 11	16 48		637109
51213	MEUDON, FRANCE	2715	8 26	20 07 00.8			243 35	19 19		637109
51214	MEUDON, FRANCE	2715	8 26	20 08 24.5			241 26	27 14		637109
51215	MEUDON, FRANCE	2715	8 26	20 09 02.3			240 04	31 23		637109
53164	BRATISLAVA-P, CZECH.	5702	8 26	20 10 09.4	14 54 33	9 24				634047
51216	MEUDON, FRANCE	2715	8 26	20 10 10.9			236 22	40 25		637109
52646	ATHENS, GREECE	2706	8 26	20 10 13.9			289 06	11 06		637309
51508	BESANCON, FRANCE	2727	8 26	20 10 43.50			250 13	40 30 40		834309
32372	BERLIN, GER.	0700	8 26	20 10 57.7			243 24	26 06		845303
10453	SAN FERNANDO-BN, SP.	9004	8 26	20 11 05.40	17 30 00	67 29				434013
51509	BESANCON, FRANCE	2727	8 26	20 12 03.00			247 25	54 02 00		834309
53165	BRATISLAVA-P, CZECH.	5702	8 26	20 12 09.4	15 32 45	17 55				634047
51218	MEUDON, FRANCE	2715	8 26	20 12 14.0			219 07	60 55		637109
51510	BESANCON, FRANCE	2727	8 26	20 12 57.00			242 39	65 25 20		834309
51219	MEUDON, FRANCE	2715	8 26	20 13 18.7			190 01	71 02		637109
51511	BESANCON, FRANCE	2727	8 26	20 13 59.20			221 56	79 13 00		834309
51220	MEUDON, FRANCE	2715	8 26	20 14 11.0			147 59	72 17		637109
53054	BRNO, CZECH.	2720	8 26	20 14 21.9	16 56 47	27 43				734041
53166	BRATISLAVA-P, CZECH.	5702	8 26	20 14 29.4	16 48 51	31 08				634047
32373	BERLIN, GER.	0700	8 26	20 15 11.1			207 06	58 00		845303
51221	MEUDON, FRANCE	2715	8 26	20 15 20.2			111 10	62 50		637109
52842	WENDELSTEIN-P, GER.	5700	8 26	20 15 49.5	19 20	43 06				637007
51512	BESANCON, FRANCE	2727	8 26	20 15 59.00			92 27	67 00 40		834309
32374	BERLIN, GER.	0700	8 26	20 16 02.3			185 06	62 30		845303
51222	MEUDON, FRANCE	2715	8 26	20 16 10.2			99 53	54 05		637109
52647	ATHENS, GREECE	2706	8 26	20 16 20.9			324 42	40 36		637309
51223	MEUDON, FRANCE	2715	8 26	20 17 09.4			92 50	44 26		637109
52293	RIGA, USSR	1040	8 26	20 17 10.6	19 02 00	13 12				845009
32375	BERLIN, GER.	0700	8 26	20 17 54.7			140 12	56 48		845303
52294	RIGA, USSR	1040	8 26	20 18 06.7	19 46 00	13 54				845009
51224	MEUDON, FRANCE	2715	8 26	20 18 13.4			88 36	35 58		637109
52648	ATHENS, GREECE	2706	8 26	20 18 30.1			358 12	47 42		637309
51513	BESANCON, FRANCE	2727	8 26	20 18 42.50			82 60	38 18 00		834309
51225	MEUDON, FRANCE	2715	8 26	20 19 18.8			85 57	28 01		637109
51514	BESANCON, FRANCE	2727	8 26	20 20 20.00			81 31	26 52 00		834309
52295	RIGA, USSR	1040	8 26	20 20 35.2	21 47 30	11 54				845009
52308	UJGOROD, USSR	1055	8 26	20 20 48.5	19 15 30	41 30				845009
51515	BESANCON, FRANCE	2727	8 26	20 21 19.20			81 09	21 23 00		834309
52309	UJGOROD, USSR	1055	8 26	20 21 43.0	20 33 30	41 54				845009
52296	RIGA, USSR	1040	8 26	20 21 53.9	22 40 00	9 12				845009
53055	BRNO, CZECH.	2720	8 26	20 22 06.9	0 11 56	21 04				734042
51516	BESANCON, FRANCE	2727	8 26	20 22 10.00			80 55	14 33 00		834309
53643	BRATISLAVA, CZECH.	5702	8 26	20 22 26.5	19 49 06	43 44				634042
52303	TASHKENT, USSR	1075	8 26	20 23 41.2	17 51 30	30 18				845009
52649	ATHENS, GREECE	2706	8 26	20 23 56.9			61 30	26 36		637309
52650	ATHENS, GREECE	2706	8 26	20 24 57.4			66 06	20 54		637309
10466	SHIRAZ-BN, IRAN	9008	8 26	20 25 02.46	19 12 12	81 51				434013
52304	TASHKENT, USSR	1075	8 26	20 26 11.1	18 42 00	31 54				845009
52292	UJGOROD, USSR	1055	8 26	20 45 49.4	17 15 00	33 24				845009
34345	PASAY CITY, PH.IS.	0501	8 26	20 48 58			235	23 30 00		845302

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32796	PERTH, AUSTR.	0601	8 26	21 00 32.9			69 24	40 30		641302
32797	PERTH, AUSTR.	0601	8 26	21 02 52.5			91 48	32 18		641302
32798	PERTH, AUSTR.	0601	8 26	21 05 11.9			105 12	22 30		641302
32799	PERTH, AUSTR.	0601	8 26	21 07 41.6			114 00	13 12		641302
52843	WENDELSTEIN-P, GER.	5700	8 26	21 16 16.2	19 57	43 42				637007
51517	BESANCON, FRANCE	2727	8 26	22 13 30.00			277 37	24 59 00		834309
51226	MEUDON, FRANCE	2715	8 26	22 13 51.3			269 40	32 55		637109
51206	EL GULEA, ALG.	6411	8 26	22 14 00.0			316 36	15 12		845309
51227	MEUDON, FRANCE	2715	8 26	22 14 12.7			269 06	35 44		637109
51518	BESANCON, FRANCE	2727	8 26	22 14 52.50			277 11	33 48 20		834309
52651	ATHENS, GREECE	2706	8 26	22 15 01.0			300 48	8 06		637309
51228	MEUDON, FRANCE	2715	8 26	22 15 03.3			267 24	42 56		637109
10454	SAN FERNANDO-BN, SP.	9004	8 26	22 15 14.60	15 20 30	72 27				434013
32376	BERLIN, GER.	0700	8 26	22 15 35.1			256 36	33 42		845303
51207	EL GULEA, ALG.	6411	8 26	22 16 00.0			329 48	21 48		845309
51519	BESANCON, FRANCE	2727	8 26	22 16 09.00			276 16	45 01 30		834309
51229	MEUDON, FRANCE	2715	8 26	22 16 12.7			262 58	54 54		637109
35210	HANNOVER, GER.	8069	8 26	22 16 49.8	17 59 24	21 36				845042
53167	BRATISLAVA-P, CZECH.	5702	8 26	22 16 52.4	16 57 09	25 44				634047
51230	MEUDON, FRANCE	2715	8 26	22 17 14.5			253 30	67 19		637109
52652	ATHENS, GREECE	2706	8 26	22 17 30.0			304 00	18 24		637309
51520	BESANCON, FRANCE	2727	8 26	22 17 43.00			275 01	62 50 20		834309
51208	EL GULEA, ALG.	6411	8 26	22 18 00.0			346 48	27 00		845309
51231	MEUDON, FRANCE	2715	8 26	22 18 04.4			230 05	77 04		637109
53168	BRATISLAVA-P, CZECH.	5702	8 26	22 18 27.4	17 52 49	30 24				634047
32377	BERLIN, GER.	0700	8 26	22 18 51.1			216 06	55 00		845303
51232	MEUDON, FRANCE	2715	8 26	22 19 04.2			154 31	78 29		637109
51521	BESANCON, FRANCE	2727	8 26	22 19 05.00			254	81 25 40		834309
51209	EL GULEA, ALG.	6411	8 26	22 20 00.0			6 30	29 06		845309
53169	BRATISLAVA-P, CZECH.	5702	8 26	22 20 04.6	19 18 30	33 32				634047
51233	MEUDON, FRANCE	2715	8 26	22 20 16.0			119 41	64 51		637109
51522	BESANCON, FRANCE	2727	8 26	22 20 37.00			114 51	74 02 40		834309
32378	BERLIN, GER.	0700	8 26	22 20 38.6			174 54	55 06		845303
52653	ATHENS, GREECE	2706	8 26	22 20 55.0			313 30	39 48		637309
51234	MEUDON, FRANCE	2715	8 26	22 21 01.1			113 21	56 02		637109
51523	BESANCON, FRANCE	2727	8 26	22 21 50.00			107 50	58 07 00		834309
51210	EL GULEA, ALG.	6411	8 26	22 22 00.0			27 24	27 00		845309
32379	BERLIN, GER.	0700	8 26	22 22 08.8			151 00	46 18		845303
51235	MEUDON, FRANCE	2715	8 26	22 22 10.8			108 42	44 19		637109
51524	BESANCON, FRANCE	2727	8 26	22 23 11.00			105 43	44 13 40		834309
52654	ATHENS, GREECE	2706	8 26	22 23 55.5			342 54	64 24		637309
51211	EL GULEA, ALG.	6411	8 26	22 24 00.0			43 42	22 06		845309
51243	EL GULEA, ALG.	6411	8 27	0 20 00.0			317 06	21 00		845309
32380	BERLIN, GER.	0700	8 27	0 20 00.1			248 00	24 54		845303
32381	BERLIN, GER.	0700	8 27	0 20 37.0			243 12	26 54		845303
10455	SAN FERNANDO-BN, SP.	9004	8 27	0 21 10.80	19 52 24	66 17				434013
51244	EL GULEA, ALG.	6411	8 27	0 22 00.0			325 18	32 12		845309
32382	EDINBURG, TEX.	0066	8 27	2 01 08.8			313 15	30 30		845303
32386	MILWAUKEE, WISC.	0074	8 27	2 01 13.5			257 48	21 30		641304
32383	EDINBURG, TEX.	0066	8 27	2 01 58.7			322 30	31 30		845303
32384	EDINBURG, TEX.	0066	8 27	2 02 10.5			328 30	32 30		845303
32390	ALBUQUERQUE, N.M.	8579	8 27	2 02 53.0			0 00	69 48		845302
32385	EDINBURG, TEX.	0066	8 27	2 03 19.3			338 30	32		845303
32392	N. CANTON, OHIO	8565	8 27	2 03 41.5	14 11	20 15				845043
32913	N. CANTON, OHIO	8572	8 27	2 04 05.9	14 28 54	30 30				845032
32397	FT. WORTH, TEX.	0139	8 27	2 04 53.0	16 05 30	73 30				845013
52735	NEW HAVEN-P, CONN.	5048	8 27	2 06 22.4	14 32 54	29 54				637007
31428	W. PALM BEACH, FLA.	0016	8 27	2 07 29			340 00	22 00		845303
32401	NEW ORLEANS, LA.	0031	8 27	2 07 42			0	31 30		845302
51401	YERKES, WIS.	2042	8 27	2 07 48	18 39 26	55 54				845042
32387	MILWAUKEE, WISC.	0074	8 27	2 08 04.5			10 54	77 30		641304
32337	TERRE HAUTE, IND.	8127	8 27	2 08 06.4			0	61 00		845302
32348	CINCINNATI, OHIO	0050	8 27	2 08 14	17 31 30	68 34				845004
51402	YERKES, WIS.	2042	8 27	2 08 16	19 30 08	57 19				845042
32398	FT. WORTH, TEX.	0139	8 27	2 08 18.4	23 59 00	63 18				845013
32402	CHICAGO, ILL.	0020	8 27	2 08 24.5	18 40	59 00				845042
32407	CHATTANOOGA, TENN.	0062	8 27	2 08 59			342	59 30		845302
32408	ROCHESTER, N.Y.	8585	8 27	2 09 22.5	17 33 18	57 24				845032
32914	N. CANTON, OHIO	8584	8 27	2 09 38.5	19 23 45	68 45				845032
32403	CHICAGO, ILL.	0020	8 27	2 09 57.0	22 17	55 25				845042
32915	N. CANTON, OHIO	8584	8 27	2 10 17.6	20 32 11	70 45				845032
32410	ROCHESTER, N.Y.	8564	8 27	2 10 49.2	20 12	61 41				845033
32393	N. CANTON, OHIO	8565	8 27	2 11 03.1	22 20 40	62 55				845043
32388	MILWAUKEE, WISC.	0074	8 27	2 12 25.1			65 06	33 42		641304
32400	W. PALM BEACH, FLA.	0016	8 27	2 13 23			27	15		845303
32404	CHICAGO, ILL.	0020	8 27	2 14 29.2	0 41	31 30				845042
10469	JUPITER-BN, FLA.	9010	8 27	2 14 32.56	2 23 36	55 14				434013
32389	MILWAUKEE, WISC.	0074	8 27	2 15 35.7			68 30	17 54		641304
32411	ROCHESTER, N.Y.	8564	8 27	2 19 42.8			80	9 30		845304
10445	OLIFANTSFNTN-BN,S.AF	9002	8 27	2 50 21.30	3 24 00	10 25				434013
51277	CAPETOWN, S.AFR.	5400	8 27	2 50 29.9	4 40 06	21 48				637007
51278	CAPETOWN, S.AFR.	5400	8 27	2 51 30.0	5 07 42	16 24				637007
10446	OLIFANTSFNTN-BN,S.AF	9002	8 27	2 57 17.90	7 27 54	-31 41				434023
33044	SANTA MONICA, CAL.	0143	8 27	4 02 05			315	39 30		845302
32412	SAN DIEGO, CAL.	0133	8 27	4 03 10.6	13 26	55 24				845042
32414	MILWAUKEE, WISC.	0074	8 27	4 03 14.5			282 12	6 30		641304
33045	SANTA MONICA, CAL.	0143	8 27	4 04 06			343 00	43		845302
32417	TUCSON, ARIZ.	0003	8 27	4 04 54			325 00	28 42		845303
33046	SANTA MONICA, CAL.	0143	8 27	4 05 20			2 00	41		845302
34095	VAN NUYS, CAL.	0113	8 27	4 05 54.3	18 19 20	81 33				845043
34094	VAN NUYS, CAL.	0113	8 27	4 05 59.8	18 45 27	81 46				845043
32418	CHINA LAKE, CAL.	0098	8 27	4 06 11.6			0 00	46 33 36		641303
32789	WALNUT CREEK, CAL.	8586	8 27	4 07 08.4	22 41 30	63 15				845003
33047	LAS CRUCES, N.M.	8583	8 27	4 08 53	1 00	84 06				845041

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32369	PUEBLA, MEX.	0900	8 27	4 09 29.4	10 45 00	76 51				845043
32413	SAN DIEGO, CAL.	0133	8 27	4 10 04.8	0 16	57 48				845042
32422	WICHITA, KAN.	0028	8 27	4 11 05.7	20 30 54	81 01				845043
32423	FT. WORTH, TEX.	0139	8 27	4 11 07.6	2 20 00	88 24				845013
32424	PORTLAND, ORE.	0076	8 27	4 11 36.0	23 59 00	26 30				845042
32415	MILWAUKEE, WISC.	0074	8 27	4 12 46.2			346 12	68 36		641304
32425	DALLAS, TEX.	0129	8 27	4 14 57.5	2 20 00	55 06				845043
32416	MILWAUKEE, WISC.	0074	8 27	4 15 39.5			67 54	53 06		641304
32409	ROCHESTER, N.Y.	8585	8 27	4 15 41.4	21 42 24	55 00				845032
32349	CINCINNATI, OHIO	0050	8 27	4 16 10			46 18	49 36		845302
10470	JUPITER-BN, FLA.	9010	8 27	4 17 21.73	3 21 30	69 50				434013
52715	WESTFIELD-P, MASS.	5021	8 27	4 17 35	22 47 30	48 54				637007
32405	CHICAGO, ILL.	0020	8 27	4 18 09.5	1 29	28 10				845042
32426	CINCINNATI, OHIO	0050	8 27	4 18 12			68 12	36 30		845302
31429	N. CANTON, OHIO	0053	8 27	4 18 14.0	1 09	37 15				845042
32431	MILWAUKEE, WISC.	0074	8 27	6 07 47.3			293 42	3 30		641304
32432	MILWAUKEE, WISC.	0074	8 27	6 10 13.7			291 42	13 42		641304
32916	CALGARY, CAN.	0452	8 27	6 10 24.8	18 59 48	29 18				845042
34096	VAN NUYS, CAL.	0113	8 27	6 11 13.9	21 07 37	86 49				845043
32419	CHINA LAKE, CAL.	0098	8 27	6 11 23.0			0 00	41 39 00		641303
52828	MEANOOK-P, CANADA	5450	8 27	6 12 12.0	20 49 24	17 12				637007
31431	CALGARY, CANADA	0452	8 27	6 12 40.4	21 24 30	27 12				845042
32433	MILWAUKEE, WISC.	0074	8 27	6 12 54.5			288 30	27 36		641304
32391	ALBUQUERQUE, N.M.	8579	8 27	6 14 04.3			0 00	45 18		845302
32435	PORTLAND, ORE.	0076	8 27	6 14 15.2	0 32 00	30				845042
32427	CINCINNATI, OHIO	0050	8 27	6 15 42.9	18 22 36	41 29				845004
33981	MADISON, WISC.	0148	8 27	6 16 01.1	19 47 00	37 54				845042
52794	MADISON-P, WISC.	5078	8 27	6 16 01.1	19 47 00	37 54				637007
32434	MILWAUKEE, WISC.	0074	8 27	6 16 27.9			271 48	57 48		641304
32406	CHICAGO, ILL.	0020	8 27	6 17 15.0	19 28	39 15				845042
32436	SAN JOSE, CAL.	8573	8 27	8 10 17.9	16 41 27	43 30				845002
32437	SAN JOSE, CAL.	8573	8 27	8 13 00.2	17 55 37	53 44				845003
33935	SAN JUAN, ARG.	0812	8 27	8 41 09.5	2 52 00	38 18				845042
10462	AREQUIPA-BN, PERU	9007	8 27	8 41 53.45	3 53 30	7 40				434013
10475	VILLA DOLORES-BN, ARG	9011	8 27	8 46 50.39	4 45 18	10 02				434013
34065	SAN JUAN, ARG.	0812	8 27	8 49 31.7	6 28	- 6 12				845002
33936	SAN JUAN, ARG.	0812	8 27	8 50 00.0	6 40 00	- 8 36				845042
33737	MITAKA, JAPAN	0229	8 27	9 53 38.6			273 54	46 18		845302
33738	MITAKA, JAPAN	0229	8 27	9 54 44.5			288 18	55 48		845302
33739	MITAKA, JAPAN	0229	8 27	9 56 04.5			322 06	64 00		845302
33740	MITAKA, JAPAN	0229	8 27	9 59 08.6			31 24	46 24		845302
33741	MITAKA, JAPAN	0229	8 27	10 00 27.0			40 48	36 00		845302
32444	TAIPEI, TAIWAN	0502	8 27	11 54 36.3	12 29 30	57 00				845042
32445	TAIPEI, TAIWAN	0502	8 27	11 59 01.2	4 02	84 56				845042
33745	YATSUSHIRO, JAPAN	0272	8 27	12 00 57			0 00	33 24		845302
33742	KONKO, JAPAN	0224	8 27	12 01 35.3	20 17	86 12				845002
33743	KASHIWABARA, JAPAN	0222	8 27	12 02 09			18 00	87		845302
33744	SAPPORO, JAPAN	0245	8 27	12 05 35	0 38	44				845002
33746	KANAYA MACHI, JAPAN	0220	8 27	14 03 43	15 15	59				845002
33748	YATSUSHIRO, JAPAN	0272	8 27	14 04 45			346 00	33 18		845302
33747	SAPPORO, JAPAN	0245	8 27	14 07 41	20 30	49				845002
52329	TASHKENT, USSR	1075	8 27	15 52 53.0	14 40 00	33 00				845009
52330	TASHKENT, USSR	1075	8 27	15 55 57.0	17 12 00	61 42				845009
52318	STALINABAD, USSR	1068	8 27	15 57 40.7	21 56 36	72 36				845009
52319	STALINABAD, USSR	1068	8 27	15 58 23.6	23 11 36	67 06				845009
52331	TASHKENT, USSR	1075	8 27	15 59 29.2	23 30 00	53 54				845009
52320	STALINABAD, USSR	1068	8 27	16 00 18.6	0 34 24	51 42				845009
52332	TASHKENT, USSR	1075	8 27	17 58 27.5	15 59 00	48 00				845009
10467	SHIRAZ-BN, IRAN	9008	8 27	17 59 03.94	3 23 54	79 45				434013
52321	STALINABAD, USSR	1068	8 27	18 01 10.3	18 58 06	74 42				845009
52333	TASHKENT, USSR	1075	8 27	18 03 03.5	23 03 30	58 24				845009
52334	TASHKENT, USSR	1075	8 27	18 05 08.5	0 48 00	39 12				845009
10451	WOOMERA-BN, AUSTR.	9003	8 27	18 36 32.99	5 09 00	13 16				434013
53170	BRATISLAVA-P, CZECH.	5702	8 27	19 48 29.9	14 46 54	10 06				634047
35212	HANNOVER, GER.	8600	8 27	19 48 46.0	15 44 48	5 09				845042
53171	BRATISLAVA-P, CZECH.	5702	8 27	19 50 14.9	15 23 00	17 52				634047
51525	BESANCON, FRANCE	2727	8 27	19 52 06.11			220 15 40	80 42 00		834309
52322	UJGOROD, USSR	1055	8 27	19 52 08.5	15 57 00	23 42				845009
53172	BRATISLAVA-P, CZECH.	5702	8 27	19 52 09.9	16 25 06	28 55				634047
52323	UJGOROD, USSR	1055	8 27	19 53 34.3	16 52 00	32 00				845009
53056	BRNO, CZECH.	2720	8 27	19 54 41.8	19 15 06	38 12				739041
32440	HANOVER, GER.	0702	8 27	19 55 33.2			304 06 00	51 45 00		845302
51526	BESANCON, FRANCE	2727	8 27	19 56 54.58			82 13 00	35 31 00		834309
32441	HANOVER, GER.	0702	8 27	19 57 48.5			284 15 00	34 24 00		845302
53057	BRNO, CZECH.	2720	8 27	19 58 17.8	23 03 12	28 42				737041
53058	BRNO, CZECH.	2720	8 27	20 00 42.2	0 13 04	18 37				734042
52335	TASHKENT, USSR	1075	8 27	20 01 20.4	17 25 00	30 36				845009
10468	SHIRAZ-BN, IRAN	9008	8 27	20 03 00.16	19 16 06	83 24				434013
52336	TASHKENT, USSR	1075	8 27	20 03 23.6	18 36 00	33 12				845009
32443	PASAY CITY, PH.IS.	0501	8 27	20 27 23			216	19 30 00		845302
32446	ADELAIDE, AUSTR.	0600	8 27	20 42 21.0			39 45	81 45		845302
32448	ADELAIDE, AUSTR.	0600	8 27	20 42 29.4			48 38	82 45		845302
32447	ADELAIDE, AUSTR.	0600	8 27	20 42 30.1			49 30	82		845302
52324	UJGOROD, USSR	1055	8 27	21 48 12.9	15 44 54	15 54				845009
51279	EL GULEA, ALG.	6411	8 27	21 52 00.0			301 12	16 12		845309
52325	UJGOROD, USSR	1055	8 27	21 52 09.8	17 10 06	25 00				845009
51527	BESANCON, FRANCE	2727	8 27	21 52 34.57			276 43 00	32 35 00		834309
51236	MEUDON, FRANCE	2715	8 27	21 52 50.7			267 06	41 54		637109
51280	EL GULEA, ALG.	6411	8 27	21 53 00.0			324 12	19 18		845309
51237	MEUDON, FRANCE	2715	8 27	21 53 04.7			266 33	44 04		637109
51528	BESANCON, FRANCE	2727	8 27	21 53 36.91			276 17 00	41 06 00		834309
51281	EL GULEA, ALG.	6411	8 27	21 54 00.0			331 42	22 30		845309
51529	BESANCON, FRANCE	2727	8 27	21 54 09.62			275 55 00	46 12 00		834309
51238	MEUDON, FRANCE	2715	8 27	21 54 14.0			261 59	56 22		637109
32449	BERLIN, GER.	0700	8 27	21 54 20.3			256 30	33 48		845303

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10456	SAN FERNANDO-BN, SP.	9004	8 27	21 54 43.90	20 42 12	84 31				434013
51530	BESANCON, FRANCE	2727	8 27	21 54 54.37			275 03 00	54 23 00		834309
52326	UJGOROD, USSR	1055	8 27	21 54 54.7	18 23 12	28 36				845009
51282	EL GULEA, ALG.	6411	8 27	21 55 00.0			340 00	25 00		845309
52327	UJGOROD, USSR	1055	8 27	21 55 03.6	19 23 54	29 12				845009
51239	MEUDON, FRANCE	2715	8 27	21 55 09.2			253 25	67 42		637109
51531	BESANCON, FRANCE	2727	8 27	21 55 35.58			273 35 00	62 42 00		834309
51283	EL GULEA, ALG.	6411	8 27	21 56 00.0			349 00	27 00		845309
51532	BESANCON, FRANCE	2727	8 27	21 56 33.87			267 22 00	76 21 00		834309
51284	EL GULEA, ALG.	6411	8 27	21 57 00.0			359 00	28 18		845309
52328	UJGOROD, USSR	1055	8 27	21 57 13.4	21 32 54	23 54				845009
51240	MEUDON, FRANCE	2715	8 27	21 57 19.7			133 44	74 58		637109
51285	EL GULEA, ALG.	6411	8 27	21 58 00.0			8 42	28 30		845309
51533	BESANCON, FRANCE	2727	8 27	21 58 14.10			113 39 00	77 42 00		834309
32450	BERLIN, GER.	0700	8 27	21 58 19.3			200 24	57 54		845303
51534	BESANCON, FRANCE	2727	8 27	21 59 10.30			106 27 00	64 52 00		834309
51535	BESANCON, FRANCE	2727	8 27	21 59 58.96			104 36 00	55 04 00		834309
51241	MEUDON, FRANCE	2715	8 27	22 00 10.0			106 36 -	43 08		637109
32442	HANOVER, GER.	0702	8 27	22 00 32.4			320 27 00	46 24		845302
51536	BESANCON, FRANCE	2727	8 27	22 00 43.63			103 48 00	47 06 00		834309
51242	MEUDON, FRANCE	2715	8 27	22 00 57.3			105 07	36 36		637109
32451	BERLIN, GER.	0700	8 27	22 01 28.8			144 06	43 30		845303
53059	BRNO, CZECH.	2720	8 27	22 01 34.4	22 55	19 30				745040
10458	SAN FERNANDO-BN, SP.	9004	8 27	22 01 41.60	2 00 18	29 37				434013
35213	HANNOVER, GER.	8600	8 27	22 01 48.1	23 34 00	8 41				845042
51245	MEUDON, FRANCE	2715	8 27	23 53 56.7			278 46	16 57		637109
51246	MEUDON, FRANCE	2715	8 27	23 54 12.2			278 04	18 18		637109
51247	MEUDON, FRANCE	2715	8 27	23 55 05.8			275 10	22 39		637109
51248	MEUDON, FRANCE	2715	8 27	23 56 06.3			270 54	28 06		637109
32452	BERLIN, GER.	0700	8 27	23 56 08.6			268 48	15 54		845303
51249	MEUDON, FRANCE	2715	8 27	23 57 02.0			265 33	33 40		637109
32453	BERLIN, GER.	0700	8 27	23 57 59.5			257 48	22 00		845303
51250	MEUDON, FRANCE	2715	8 27	23 58 08.1			256 31	40 43		637109
32454	BERLIN, GER.	0700	8 27	23 58 54.6			252 06	25 12		845303
10457	SAN FERNANDO-BN, SP.	9004	8 27	23 58 57.30	19 22 24	67 44				434013
51251	MEUDON, FRANCE	2715	8 27	23 59 01.6			246 02	46 15		637109
53173	BRATISLAVA-P, CZECH.	5702	8 27	23 59 37.0	18 57 05	14 32				634042
53174	BRATISLAVA-P, CZECH.	5702	8 27	23 59 55.0	19 06 21	14 20				634042
32455	BERLIN, GER.	0700	8 27	23 59 58.0			243 00	28 24		845303
10459	SAN FERNANDO-BN, SP.	9004	8 28	0 00 07.40	21 53 24	66 16				434013
32456	FT. WORTH, TEX.	0139	8 28	1 43 26.6	18 00 00	75 24				845013
32457	FT. WORTH, TEX.	0139	8 28	1 43 44.6	19 04 30	76 51				845013
32458	ROCHESTER, N.Y.	8564	8 28	1 43 59.9	14 40 24	27 33				845032
32463	TERRE HAUTE, IND.	8127	8 28	1 44 28.1			315	62 40		845303
32467	DALLAS, TEX.	0129	8 28	1 45 03.2	22 02 43	72 41				845043
10471	JUPITER-BN, FLA.	9010	8 28	1 45 30.07	12 06 18	71 38				434013
32468	CHICAGO, ILL.	0020	8 28	1 45 41			348 00 00	76 00 00		845302
32470	DAYTON, OHIO	8557	8 28	1 45 51.5			334 12	61 24		845303
32428	CINCINNATI, OHIO	8555	8 28	1 46 05.0	17 07 24	67 24				845002
32464	TERRE HAUTE, IND.	8127	8 28	1 46 10.6			3	61		845302
32474	ROANOKE, VA.	0073	8 28	1 47 02	17 40 07	77				845002
33048	ST. PETERSBURG, FLA.	0121	8 28	1 47 13			0	24		845302
52993	AIKEN, S.C.	6023	8 28	1 47 15.4	18 00 00	86 06				634042
32917	N. CANTON, OHIO	8584	8 28	1 47 33.8	19 11 36	67 52				845032
32477	ROCHESTER, N.Y.	8585	8 28	1 48 10.4	18 59 18	61 26				845032
32459	ROCHESTER, N.Y.	8564	8 28	1 48 21.0	19 02 06	61 30				845033
32460	ROCHESTER, N.Y.	8564	8 28	1 51 40.0	23 38 36	44 21				845034
32429	CINCINNATI, OHIO	0050	8 28	1 52 34	0 47 48	37 06				845004
32471	DAYTON, OHIO	8557	8 28	1 53 16.0			61 24	18 36		845303
10448	OLIFANTSFNTN-BN,S.AF	9002	8 28	2 30 25.30	4 31 42	- 4 24				434013
10449	OLIFANTSFNTN-BN,S.AF	9002	8 28	2 34 51.80	7 03 36	-28 45				434023
32479	SAN DIEGO, CAL.	0133	8 28	3 41 11.8	13 31	55 30				845042
32481	PORTLAND, ORE.	0076	8 28	3 43 15.6	18 40 00	38 24				845042
34097	VAN NUYS, CAL.	0113	8 28	3 43 52.0	18 31 42	80 52				845043
32482	PORTLAND, ORE.	0076	8 28	3 44 38.2	20 24 00	41 12				845042
32420	CHINA LAKE, CAL.	0098	8 28	3 45 24.8			9 20 24	45 24 00		641303
32483	PORTLAND, ORE.	0076	8 28	3 45 26.6	21 17 00	39 54				845042
33982	MADISON, WISC.	0148	8 28	3 46 28.0	15 15 00	38 12				845042
52795	MADISON-P, WISC.	5078	8 28	3 46 28.0	15 15 00	38 12				637007
32480	SAN DIEGO, CAL.	0133	8 28	3 47 38.8	0 54	59 48				845042
32484	FT. WORTH, TEX.	0139	8 28	3 48 55.8	3 00 00	89 00				845013
32430	CINCINNATI, OHIO	0050	8 28	3 50 09			62 42	37 54		845302
32485	NEW ORLEANS, LA.	0031	8 28	3 50 35			0	27 30		845302
32465	TERRE HAUTE, IND.	8127	8 28	3 51 08.4			0	53 50		845302
32469	CHICAGO, ILL.	0020	8 28	3 51 24			9 00 00	65 00 00		845302
32461	ROCHESTER, N.Y.	8564	8 28	3 51 32.5	17 55 00	53 23				845034
52994	AIKEN, S.C.	6023	8 28	3 52 29.5	21 11 00	86 24				634042
32478	ROCHESTER, N.Y.	8585	8 28	3 53 26.4	21 15 18	56 48				845032
52730	PATERSON-P, N.J.	5022	8 28	3 54 40.5	22 03 30	60 00				637007
32466	TERRE HAUTE, IND.	8127	8 28	3 54 44.7			60 15	34 15		845303
52716	WESTFIELD-P, MASS.	5021	8 28	3 55 30	22 40 30	50 12				637007
52731	PATERSON-P, N.J.	5022	8 28	3 55 33.8	23 15 00	52 57				637007
10472	JUPITER-BN, FLA.	9010	8 28	3 55 53.31	3 03 24	64 39				434013
52732	PATERSON-P, N.J.	5022	8 28	3 56 03.8	23 47 12	48 48				637007
10473	JUPITER-BN, FLA.	9010	8 28	3 56 21.31	3 00 00	60 58				434013
31430	N. CANTON, OHIO	0053	8 28	3 56 25.7	1 03 30	34 54				845033
32462	ROCHESTER, N.Y.	8564	8 28	3 56 31.6	0 13	31 00				845032
32472	DAYTON, OHIO	8557	8 28	4 53 11.2			31 14	55 20		845303
32473	DAYTON, OHIO	8557	8 28	4 53 52.8			44 18	51 48		845303
32486	PORTLAND, ORE.	0076	8 28	5 43 48.0	15 27 00	31 18				845042
31432	CALGARY, CANADA	0452	8 28	5 44 10.2	15 53 12	16 00				845042
32487	PORTLAND, ORE.	0076	8 28	5 46 46.4	17 55 00	51 24				845042
34098	VAN NUYS, CAL.	0113	8 28	5 49 04.5	21 07 15	87 18				845043
32421	CHINA LAKE, CAL.	0098	8 28	5 49 14.0			0 00	41 03 00		641303

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32488	PORTLAND, ORE.	0076	8 28	5 50 17.2	23 07 30	43 18				845042
32489	ALBUQUERQUE, N.M.	8579	8 28	5 51 54.1			0 00	44 18		845302
32801	MADISON, WISC.	0148	8 28	5 52 59.9	18 35 30	38 48				845042
52717	WESTFIELD-P, MASS.	5021	8 28	5 53 46	18 02	25 06				637007
32491	CINCINNATI, OHIO	0050	8 28	5 53 56			296 54	45 30		845302
52718	WESTFIELD-P, MASS.	5021	8 28	5 54 00	18 09 30	25 06				637007
32800	MADISON, WISC.	0148	8 28	5 54 10.0	19 45 30	39 24				845042
52796	MADISON-P, WISC.	5078	8 28	5 54 10.0	19 45 30	39 24				637007
32492	TUCSON, ARIZ.	0003	8 28	5 54 19.3			40 36	31 06		845303
32493	TUCSON, ARIZ.	0003	8 28	5 54 21.8			41 12	30 48		845303
32494	PORTLAND, ORE.	0076	8 28	7 51 36.2	19 54 00	35				845042
32495	PORTLAND, ORE.	0076	8 28	7 52 20.0	20 35 00	32				845042
34099	VAN NUYS, CAL.	0113	8 28	7 53 09			329 48	46 42		845303
34068	SAN JUAN, ARG.	0812	8 28	8 19 16.2	2 49 00	38 06				845002
33937	SAN JUAN, ARG.	0812	8 28	8 20 00.0	3 08 06	35 00				845042
10463	AREQUIPA-BN, PERU	9007	8 28	8 21 42.00	4 45 48	- 5 52				434013
34069	SAN JUAN, ARG.	0812	8 28	8 24 01.0	4 50 00	13 54				845002
10477	VILLA DOLORES-BN,ARG	9011	8 28	8 25 05.98	4 47 42	8 58				434013
34067	SAN JUAN, ARG.	0812	8 28	8 28 00.0	6 30 24	- 7 30				845002
33938	SAN JUAN, ARG.	0812	8 28	8 29 20.0	7 02 12	-12 54				845042
10478	VILLA DOLORES-BN,ARG	9011	8 28	8 33 39.24	8 28 36	-23 51				434023
33749	HIGASHIMATSUYAMA,JAP	0210	8 28	9 34 39.3	16 42	57 18				845003
34070	SAN JUAN, ARG.	0812	8 28	10 22 00.0	0 46 24	13 00				845002
33750	MITAKA, JAPAN	0229	8 28	11 36 25.1			308 24	27 36		845303
10484	TOKYO-BN, JAPAN	9005	8 28	11 36 49.70	13 39 12	49 42				434013
33751	MITAKA, JAPAN	0229	8 28	11 38 33.0			329 12	36 42		845303
33757	KANAYA MACHI, JAPAN	0220	8 28	11 38 35	14 10	77				845002
33758	TAKADA, JAPAN	0250	8 28	11 39 10	15 17	73				845002
33752	MITAKA, JAPAN	0229	8 28	11 40 45.07			0 00	40 22		845302
33755	MUSASHINO, JAPAN	0233	8 28	11 40 46.7			0 00	41 00		845302
33756	YUKKAICHI, JAPAN	0258	8 28	11 40 59			13 30	37 00		845302
33753	MITAKA, JAPAN	0229	8 28	11 41 50.8			15 36	38 30		845303
33754	MITAKA, JAPAN	0229	8 28	11 44 17.9			41 12	29 12		845303
33762	HIGASHIMATSUYAMA,JAP	0210	8 28	13 40 57.6	21 17	84 00				845002
33761	TAKADA, JAPAN	0250	8 28	13 43 09	16 23	62				845002
10485	TOKYO-BN, JAPAN	9005	8 28	13 45 14.80	19 05 24	74 52				434013
33760	MUSASHINO, JAPAN	0233	8 28	13 46 09.0			0 00	52 30		845302
33759	MITAKA, JAPAN	0229	8 28	13 47 11.5			21 54	52 48		845303
31434	ASAHIKAWA, JAPAN	0201	8 28	13 47 20.3	22 25	39				845042
52337	STALINABAD, USSR	1068	8 28	15 31 01.5	14 09 48	41 48				845009
52343	TASHKENT, USSR	1075	8 28	15 33 23.2	16 19 00	57				845009
52338	STALINABAD, USSR	1068	8 28	15 33 33.1	16 06 36	67 54				845009
52344	TASHKENT, USSR	1075	8 28	15 36 06.3	21 44 30	62 18				845009
52339	STALINABAD, USSR	1068	8 28	15 36 21.6	22 59 54	65 48				845009
52340	STALINABAD, USSR	1068	8 28	15 38 12.4	0 28 30	49 42				845009
52345	TASHKENT, USSR	1075	8 28	15 39 22.8	0 16 30	40 00				845009
52655	ATHENS, GREECE	2706	8 28	17 28 50.5			0 24	68 12		637309
52656	ATHENS, GREECE	2706	8 28	17 31 52.8			45 54	40 18		637309
51750	MOSCOW, USSR	1034	8 28	17 34 18.9	20 07 42	14 12				845009
10496	SHIRAZ-BN, IRAN	9008	8 28	17 34 51.69	11 44 06	80 32				434013
51751	MOSCOW, USSR	1034	8 28	17 34 59.7	20 44 30	14 24				845009
52657	ATHENS, GREECE	2706	8 28	17 35 03.6			55 30	19 48		637309
52341	STALINABAD, USSR	1068	8 28	17 36 58.4	15 32 48	58 54				845009
52658	ATHENS, GREECE	2706	8 28	17 37 47.0			59 12	8 30		637309
52342	STALINABAD, USSR	1068	8 28	17 40 42.9	23 19 48	68 36				845009
52346	TASHKENT, USSR	1075	8 28	17 41 56.6	23 59 30	49 42				845009
52347	TASHKENT, USSR	1075	8 28	17 43 22.0	0 48 00	36 42				845009
32496	SYDNEY, AUSTR.	0602	8 28	18 19 03.7	5 33	- 5				845042
51537	BESANCON, FRANCE	2727	8 28	19 23 09.43			248 51 00	17 54 00		834309
51538	BESANCON, FRANCE	2727	8 28	19 23 43.69			248 32 00	20 51 00		834309
51252	MEUDON, FRANCE	2715	8 28	19 24 03.4			237 44	25 43		637109
51539	BESANCON, FRANCE	2727	8 28	19 24 15.93			248 12 00	23 52 00		834309
51540	BESANCON, FRANCE	2727	8 28	19 24 47.06			247 45 00	27 04 00		834309
51253	MEUDON, FRANCE	2715	8 28	19 25 08.1			234 52	32 54		637109
51541	BESANCON, FRANCE	2727	8 28	19 25 33.14			247 00 00	32 21 00		834309
52659	ATHENS, GREECE	2706	8 28	19 25 34.7			285 54	9 54		637309
51254	MEUDON, FRANCE	2715	8 28	19 26 09.4			230 37	41 00		637109
51542	BESANCON, FRANCE	2727	8 28	19 26 09.72			246 06 00	37 07 00		834309
51543	BESANCON, FRANCE	2727	8 28	19 26 56.67			244 28 00	44 12 00		834309
35214	HANNOVER, GER.	8600	8 28	19 27 08.4	15 44 24	5 45				845042
51255	MEUDON, FRANCE	2715	8 28	19 27 13.5			223 02	50 58		637109
51544	BESANCON, FRANCE	2727	8 28	19 27 27.88			242 51 00	49 35 00		834309
51545	BESANCON, FRANCE	2727	8 28	19 27 59.11			240 32 00	55 23 00		834309
32499	HANOVER, GER.	0702	8 28	19 28 38.4			41 49 48	43 30 00		845302
51546	BESANCON, FRANCE	2727	8 28	19 28 48.07			234 00 00	65 37 00		834309
52660	ATHENS, GREECE	2706	8 28	19 28 52.5			297 42	23 48		637309
51257	MEUDON, FRANCE	2715	8 28	19 29 12.4			180 50	68 51		637109
52310	UJGOROD, USSR	1055	8 28	19 29 25.4	15 25 06	19 54				845009
51547	BESANCON, FRANCE	2727	8 28	19 29 37.98			214 53 00	76 18 00		834309
51258	MEUDON, FRANCE	2715	8 28	19 30 06.9			142 27	68 52		637109
35211	HANNOVER, GER.	8069	8 28	19 30 26.0	18 00 48	19 52				845042
51259	MEUDON, FRANCE	2715	8 28	19 31 06.9			113 34	61 06		637109
51548	BESANCON, FRANCE	2727	8 28	19 31 11.08			106 54 00	73 54 00		834309
32500	HANOVER, GER.	0702	8 28	19 32 09.0			149 03 00	58 57 00		845302
51260	MEUDON, FRANCE	2715	8 28	19 32 13.9			98 40	50 00		637109
51549	BESANCON, FRANCE	2727	8 28	19 32 21.94			89 48 00	58 54 00		834309
52312	UJGOROD, USSR	1055	8 28	19 33 08.4	18 20 12	39 54				845009
51550	BESANCON, FRANCE	2727	8 28	19 33 24.73			85 01 00	47 16 00		834309
51261	MEUDON, FRANCE	2715	8 28	19 33 28.2			90 45	38 59		637109
52313	UJGOROD, USSR	1055	8 28	19 33 33.7	18 55 06	41 12				845009
51262	MEUDON, FRANCE	2715	8 28	19 34 08.1			88 12	33 55		637109
52661	ATHENS, GREECE	2706	8 28	19 34 22.0			0 54	47 24		637309
52314	UJGOROD, USSR	1055	8 28	19 34 47.9	20 37 30	41 06				845009
32501	HANOVER, GER.	0702	8 28	19 34 50.6			108 27 00	40 01 12		845302
51263	MEUDON, FRANCE	2715	8 28	19 35 14.3			85 14	26 38		637109

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52315	UJGOROD, USSR	1055	8 28	19 35 43.0	21 40 12	37 48				845009
51264	MEUDON, FRANCE	2715	8 28	19 36 16.8			83 21	20 50		637109
51752	MOSCOW, USSR	1034	8 28	19 36 19.0	19 31 30	15 42				845009
35215	HANNOVER, GER.	8600	8 28	19 37 01.9	23 11 54	16 24				845042
51265	MEUDON, FRANCE	2715	8 28	19 37 14.3			82 04	16 16		637109
52316	UJGOROD, USSR	1055	8 28	19 37 22.2	23 08 00	29 12				845009
32502	HANOVER, GER.	0702	8 28	19 37 36.3			95 58 48	22 31 12		845302
51266	MEUDON, FRANCE	2715	8 28	19 38 04.7			81 13	12 43		637109
52662	ATHENS, GREECE	2706	8 28	19 38 14.0			51 06	31 42		637309
52317	UJGOROD, USSR	1055	8 28	19 39 34.3	0 10 00	21 00				845009
51753	MOSCOW, USSR	1034	8 28	19 40 17.3	22 35 00	7 12				845009
52348	TASHKENT, USSR	1075	8 28	19 40 42.0	17 55 00	34 00				845009
10497	SHIRAZ-BN, IRAN	9008	8 28	19 41 13.96	21 38 00	84 52				434013
52663	ATHENS, GREECE	2706	8 28	19 41 28.0			67 12	16 30		637309
52349	TASHKENT, USSR	1075	8 28	19 41 31.9	18 29 00	34 18				845009
32503	PERTH, AUSTR.	0601	8 28	20 13 01.2			32 12	35 18		641302
10452	WOOMERA-BN, AUSTR.	9003	8 28	20 14 16.04	1 29 12	6 24				434013
32504	PERTH, AUSTR.	0601	8 28	20 15 06.6			55 24	37 06		641302
32505	PERTH, AUSTR.	0601	8 28	20 17 42.7			82 24	32 00		641302
32510	ADELAIDE, AUSTR.	0600	8 28	20 20 07.3			32 00	78 30		845302
32506	PERTH, AUSTR.	0601	8 28	20 20 08.1			98 42	23 18		641302
32508	ADELAIDE, AUSTR.	0600	8 28	20 20 13.7			40 30	78		845302
32507	PERTH, AUSTR.	0601	8 28	20 23 34.2			112 12	12 00		641302
32509	ADELAIDE, AUSTR.	0600	8 28	20 23 48.6			116 15	48 15		845302
51551	BESANCON, FR.	2727	8 28	21 25 55.58			276 07	8 50		834309
51552	BESANCON, FR.	2727	8 28	21 26 31.71			276 10	11 12		834309
51553	BESANCON, FR.	2727	8 28	21 27 42.03			276 15	16 21		834309
51286	EL GULEA, ALG.	6411	8 28	21 28 00.0			313 06	13 18		845309
51554	BESANCON, FR.	2727	8 28	21 28 33.25			276 17	20 38		834309
51555	BESANCON, FR.	2727	8 28	21 29 17.42			276 17	24 42		834309
51287	EL GULEA, ALG.	6411	8 28	21 30 00.0			321 36	18 12		845309
51267	MEUDON, FRANCE	2715	8 28	21 30 17.3			267 10	38 12		637109
51556	BESANCON, FR.	2727	8 28	21 30 32.27			276 12 10	33 14		834309
51557	BESANCON, FR.	2727	8 28	21 31 05.42			276 30	37 36		834309
51268	MEUDON, FRANCE	2715	8 28	21 31 44.5			263 15	52 21		637109
51288	EL GULEA, ALG.	6411	8 28	21 32 00.0			340 24	25 06		845309
10489	SAN FERNANDO-BN, SP.	9004	8 28	21 32 33.90	20 23 00	83 41				434013
52664	ATHENS, GREECE	2706	8 28	21 32 45.1			303 06	15 54		637309
51269	MEUDON, FRANCE	2715	8 28	21 32 55.6			254 26	66 49		637109
51270	MEUDON, FRANCE	2715	8 28	21 33 12.9			249 54	70 31		637109
51289	EL GULEA, ALG.	6411	8 28	21 34 00.0			356 30	27 48		845309
51271	MEUDON, FRANCE	2715	8 28	21 34 04.8			213 49	80 15		637109
51754	MOSCOW, USSR	1034	8 28	21 34 05.3	17 21 48	9 00				845009
51272	MEUDON, FRANCE	2715	8 28	21 35 11.3			130 25	74 01		637109
51290	EL GULEA, ALG.	6411	8 28	21 36 00.0			17 30	27 24		845309
51558	BESANCON, FR.	2727	8 28	21 36 04.87			108 42	74 40		834309
51273	MEUDON, FRANCE	2715	8 28	21 36 05.4			113 59	63 39		637109
52665	ATHENS, GREECE	2706	8 28	21 36 23.4			314 24	37 12		637309
51274	MEUDON, FRANCE	2715	8 28	21 37 16.9			107 09	50 01		637109
51559	BESANCON, FR.	2727	8 28	21 37 29.78			102 37	58 33		834309
51291	EL GULEA, ALG.	6411	8 28	21 38 00.0			34 48	23 30		845309
52666	ATHENS, GREECE	2706	8 28	21 38 05.1			327 48	51 24		637309
51275	MEUDON, FRANCE	2715	8 28	21 38 14.2			104 26	40 55		637109
51560	BESANCON, FR.	2727	8 28	21 38 46.20			101 36	44 53		834309
51276	MEUDON, FRANCE	2715	8 28	21 39 03.9			103 07	34 23		637109
52667	ATHENS, GREECE	2706	8 28	21 39 50.1			2 48	64 42		637309
10490	SAN FERNANDO-BN, SP.	9004	8 28	23 37 43.50	21 16 12	68 59				434013
32511	DAYTON, OHIO	8557	8 29	1 14 46.9			275 41	35 18		845303
10474	JUPITER-BN, FLA.	9010	8 29	1 17 25.82	12 09 48	29 17				434013
32515	CHICAGO, ILL.	0020	8 29	1 19 23.6	14 14	19 10				845042
32519	CHATTANOOGA, TENN.	0062	8 29	1 20 21	20 48	-50				845002
32521	FT. BELVOIR, VA.	0077	8 29	1 21 33.5			289 42	31 48		845302
32396	N. CANTON, OHIO	8565	8 29	1 21 59.8	14 36 30	36 50				845043
32516	CHICAGO, ILL.	0020	8 29	1 23 24.5			340	78		845302
32517	CHICAGO, ILL.	0020	8 29	1 23 28.0	17 37	54 40				845042
32524	TERRE HAUTE, IND.	8127	8 29	1 23 45.5			0	63		845302
32525	TERRE HAUTE, IND.	8127	8 29	1 23 46.1			0	63		845303
32528	CINCINNATI, OHIO	8555	8 29	1 23 52.5	16 50 48	66 14				845003
32518	CHICAGO, ILL.	0020	8 29	1 23 59.2	18 32	57 00				845042
32512	DAYTON, OHIO	8557	8 29	1 24 31.0			359 18	62 21		845303
32531	PITTSBURGH, PA.	0059	8 29	1 24 31.3	16 22 30	62 06				845043
32532	N. CANTON, OHIO	8584	8 29	1 25 15.9	18 38 54	68 05				845042
32533	N. CANTON, OHIO	8544	8 29	1 25 35.6	19 29	67 16				845042
32526	TERRE HAUTE, IND.	8127	8 29	1 26 04.2			42	45 40		845303
32522	FT. BELVOIR, VA.	0077	8 29	1 26 15.0			0 00	52		845302
52995	AIKEN, S.C.	6023	8 29	1 26 20.9	23 52 30	77 40				634042
32523	FT. BELVOIR, VA.	0077	8 29	1 26 57.3			14 30	50 30		845302
32475	ROANOKE, VA.	0073	8 29	1 27 09	18 25 25	75 15				845002
32394	N. CANTON, OHIO	8536	8 29	1 27 22	22 28 30	58 00				641042
32395	N. CANTON, OHIO	8536	8 29	1 28 59	23 44	46 36				641042
32513	DAYTON, OHIO	8557	8 29	1 29 15.3			55 57	28 00		845303
32534	N. CANTON, OHIO	8565	8 29	1 29 42.8	0 02 30	41 48				845043
32535	N. CANTON, OHIO	8559	8 29	1 30 29.9	0 20	37 45				845042
10481	OLIFANTSFNTN-BN,S.AF	9002	8 29	2 04 08.92	2 18 16	26 13				434013
51396	CAPETOWN-P, S.AFR.	5400	8 29	2 07 11.2	4 46 00	18 00				637007
51397	CAPETOWN-P, S.AFR.	5400	8 29	2 08 11.3	5 08 48	13 06				637007
51398	CAPETOWN-P, S.AFR.	5400	8 29	2 10 11.4	5 53 18	3 18				637007
32537	LAWTON, OKLA.	0110	8 29	2 23 27.6			323 12 00	31 24 36		845304
32538	LAWTON, OKLA.	0110	8 29	2 25 25.9			346 18 00	36 57 00		845304
32539	LAWTON, OKLA.	0110	8 29	2 27 31.5			14 13 48	35 45 00		845304
32540	LAWTON, OKLA.	0110	8 29	2 31 10.8			47 22 48	22 42 36		845304
32541	SANTA MONICA, CAL.	0143	8 29	3 10 31			268 00	23 00		845302
32542	SANTA MONICA, CAL.	0143	8 29	3 12 43.5			281 00	34 18		845302
32543	SANTA MONICA, CAL.	0143	8 29	3 15 55			319 00	47 12		845302

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32544	SANTA MONICA, CAL.	0143	8 29	3 18 22.5			0 00	44 00		845302
32546	SAN DIEGO, CAL.	0133	8 29	3 19 03.4	13 24	55 06				845042
34077	SACRAMENTO, CAL.	8517	8 29	3 20 47.3			0 00	64 58		641304
32545	SANTA MONICA, CAL.	0143	8 29	3 21 31.5			30 00	27 30		845302
34100	VAN NUYS, CAL.	0113	8 29	3 21 39.0	18 06 20	79 48				845043
32550	CHINA LAKE, CAL.	0098	8 29	3 23 09.2			20 00 00	42 16 48		641303
32553	PUEBLA, MEX.	0900	8 29	3 24 14.0	11 06 30	71 40				845043
32558	DENVER, COLO.	8582	8 29	3 24 57.0			0 30 00	56 15 00		845303
32520	CHATTANOOGA, TENN.	0062	8 29	3 25 12	20 48	50				845002
34078	SACRAMENTO, CAL.	8517	8 29	3 25 15.0	23 27 12	45 55				641013
32554	PUEBLA, MEX.	0900	8 29	3 25 42.9	9 04 18	78 27				845043
32547	SAN DIEGO, CAL.	0133	8 29	3 25 53.2	0 16	57 42				845042
32560	WHITTIER-D, CAL.	8566	8 29	3 26 44.9			0 00 00	43 16 48		845303
32555	PUEBLA, MEX.	0900	8 29	3 27 14.7	5 46 24	78 21				845043
34748	TERRE HAUTE, IND.	8127	8 29	3 27 28.0	16 14	67 30				845047
32562	DALLAS, TEX.	0129	8 29	3 27 38.6	1 52 30	81 48				845043
34749	TERRE HAUTE, IND.	8127	8 29	3 28 07.4	17 27	72 50				845047
32565	NEW ORLEANS, LA.	0031	8 29	3 28 29			0	27		845302
32566	CHICAGO, ILL.	0020	8 29	3 28 32.5	19 12	67 40				845042
34350	TERRE HAUTE, IND.	8127	8 29	3 28 39.2	19 19	75 45				845047
32567	CHICAGO, ILL.	0020	8 29	3 28 52.4	20 03	67 45				845042
32527	TERRE HAUTE, IND.	8127	8 29	3 28 57.7			0	53 30		845302
32568	CHICAGO, ILL.	0020	8 29	3 29 08.0			7	65		845302
32536	N. CANTON, OHIO	8591	8 29	3 29 44.0	21 22 42	66 48				845042
32571	ROCHESTER, N.Y.	8585	8 29	3 31 09.1	20 47 48	58 30				845032
32476	ROANOKE, VA.	0073	8 29	3 31 45	20 20 45	77 31				845002
32561	WHITTIER-D, CAL.	8566	8 29	3 32 08.7			45 12 00	17 57 00		845303
52996	AIKEN, S.C.	6023	8 29	3 32 46.4	1 47 03	63 32				634042
32572	N. CANTON, OHIO	8536	8 29	3 33 38	0 35	40 00				641042
32573	N. CANTON, OHIO	8559	8 29	3 33 41.0	0 39 30	41 01				845033
32574	N. CANTON, OHIO	8536	8 29	3 34 04	0 50 42	37 12				641042
32569	CHICAGO, ILL.	0020	8 29	3 34 21.6	1 08	27 00				845042
51399	CAPETOWN-P, S.AFR.	5400	8 29	4 12 11.6	3 58 18	-22 42				637007
51400	CAPETOWN-P, S.AFR.	5400	8 29	4 14 11.7	5 37 18	-36 24				637007
32790	WALNUT CREEK, CAL.	8586	8 29	5 22 34.9	14 15 45	66 18				845003
32575	SAN JOSE, CAL.	8573	8 29	5 24 14.1	15 20 46	72 32				845003
34079	SACRAMENTO, CAL.	8517	8 29	5 26 07.0			0 00	49 30		641304
34101	VAN NUYS, CAL.	0113	8 29	5 26 53.5			0 12	36 30		845303
32552	CHINA LAKE, CAL.	0098	8 29	5 27 03.2			0 00	40 36 00		641303
32548	SAN DIEGO, CAL.	0133	8 29	5 27 17.7	1 20	89 00				845042
32576	SAN JOSE, CAL.	8573	8 29	5 28 40.1	0 54 09	60 09				845002
32791	WALNUT CREEK, CAL.	8586	8 29	5 28 49.2	0 49 30	56 43				845003
32556	PUEBLA, MEX.	0900	8 29	5 28 50.2	13 18 18	69 47				845043
32551	CHINA LAKE, CAL.	0098	8 29	5 29 10.4			39 12 36	37 17 24		641303
32490	ALBUQUERQUE, N.M.	8579	8 29	5 29 41.6			0 00	43 18		845302
32557	PUEBLA, MEX.	0900	8 29	5 30 40.1	12 18 30	79 55				845043
32514	DAYTON, OHIO	8557	8 29	5 30 56.2			297 08	35 00		845303
32559	DENVER, COLO.	8582	8 29	5 31 45.0			56 30 00	48 15 00		845303
32563	DALLAS, TEX.	0129	8 29	5 32 25.9	22 21 00	77 30				845043
32549	SAN DIEGO, CAL.	0133	8 29	5 32 55.4	2 13	41 30				845042
32564	DALLAS, TEX.	0129	8 29	5 33 01	23 49	73 42				845043
32570	CHICAGO, ILL.	0020	8 29	5 33 44.4	19 52	43 20				845042
32577	MILWAUKEE, WISC.	0074	8 29	6 50 44.0			289 06	27 24		641304
32578	TUCSON, ARIZ.	0003	8 29	7 26 24.5			309 54	8 54		845303
32579	TUCSON, ARIZ.	0003	8 29	7 27 54.5			311 48	14 54		845303
32580	TUCSON, ARIZ.	0003	8 29	7 29 29.9			314 48	27 48		845303
32581	TUCSON, ARIZ.	0003	8 29	7 30 51.9			318 00	31 00		845303
34102	VAN NUYS, CAL.	0113	8 29	7 31 02.2			335 00	47 12		845303
34080	SACRAMENTO, CAL.	8517	8 29	7 31 10.4	20 56 42	57 47				641013
10486	VILLA DOLORES-BN,ARG	9011	8 29	7 56 03.58	1 45 36	42 42				434013
33943	SAN JUAN, ARG.	0812	8 29	7 58 00.0	3 06 42	35 06				845042
33944	SAN JUAN, ARG.	0812	8 29	8 00 10.0	3 58 18	24 24				845042
10487	VILLA DOLORES-BN,ARG	9011	8 29	8 00 35.97	3 36 18	23 37				434013
10482	AREQUIPA-BN, PERU	9007	8 29	8 02 03.67	5 44 00	-18 57				434013
10488	VILLA DOLORES-BN,ARG	9011	8 29	8 04 54.50	5 32 00	- 1 08				434013
33939	SAN JUAN, ARG.	0812	8 29	8 05 00.0	5 29 42	12 06				845042
33940	SAN JUAN, ARG.	0812	8 29	8 06 20.0	5 54 42	6 48				845042
33763	MITAKA, JAPAN	0229	8 29	9 12 23.9			344 18	69 12		845302
33941	SAN JUAN, ARG.	0812	8 29	10 10 00.0	6 15 36	-20 36				845042
33942	SAN JUAN, ARG.	0812	8 29	10 11 20.0	7 08 18	-25 18				845042
33945	SAN JUAN, ARG.	0812	8 29	10 13 49.5	9 38 18	-47 30				845042
33764	YATSUSHIRO, JAPAN	0272	8 29	11 16 30			0 00	33 48		845302
32052	MIYAZAKI, JAPAN	0230	8 29	13 25 36.9	2 08 12	52 54				845042
32053	ASAHIKAWA, JAPAN	0201	8 29	13 25 41	22 56	37 36				845042
52356	TASHKENT, USSR	1075	8 29	15 09 10.2	10 27 00	35 54				845009
52357	TASHKENT, USSR	1075	8 29	15 12 22.1	18 09 00	64 12				845009
52358	TASHKENT, USSR	1075	8 29	15 15 33.9	23 10 18	50 24				845009
52359	TASHKENT, USSR	1075	8 29	17 13 18.2	14 58 30	-42 12				845009
10501	SHIRAZ-BN, IRAN	9008	8 29	17 15 24.77	2 25 18	73 49				434013
52360	TASHKENT, USSR	1075	8 29	17 16 47.3	18 31 30	66 54				845009
52361	TASHKENT, USSR	1075	8 29	17 20 28.3	0 18 30	43 36				845009
52362	TASHKENT, USSR	1075	8 29	17 21 38.9	0 48 00	33 36				845009
10491	WOOMERA-BN, AUSTR.	9003	8 29	17 50 18.05	4 05 42	25 12				434013
32497	SYDNEY, AUSTR.	0602	8 29	17 57 12.4	5 32 30	- 5 18				845042
32582	SYDNEY, AUSTR.	0602	8 29	17 59 35.9	6 44	-16 06				845044
32498	SYDNEY, AUSTR.	0602	8 29	18 02 42.2	8 06	-24				845042
53175	BRATISLAVA-P, CZECH.	5702	8 29	19 01 50.6	13 45 48	0 08				634047
53176	BRATISLAVA-P, CZECH.	5702	8 29	19 02 50.6	13 57 00	3 00				634047
52668	ATHENS, GREECE	2706	8 29	19 03 05.8			284 06	9 00		637309
53177	BRATISLAVA-P, CZECH.	5702	8 29	19 03 20.6	14 05 19	4 58				634047
53178	BRATISLAVA-P, CZECH.	5702	8 29	19 04 00.6	14 14 54	7 15				634047
52669	ATHENS, GREECE	2706	8 29	19 06 05.3			293 48	21 06		637309
32585	BERLIN, GER.	0700	8 29	19 06 13.3			237 24	36 12		845303
53179	BRATISLAVA-P, CZECH.	5702	8 29	19 06 15.6	15 01 20	17 27				634047
32586	BERLIN, GER.	0700	8 29	19 07 58.3			215 48	49 48		845303

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53180	BRATISLAVA-P, CZECH.	5702	8 29	19 08 10.6	16 09 21	29 00				634047
52670	ATHENS, GREECE	2706	8 29	19 08 23.5			307 48	33 06		637309
53060	BRNO, CZECH.	2720	8 29	19 08 56.1	17 00	30 42				743041
32587	BERLIN, GER.	0700	8 29	19 09 09.3			167 12	60 48		845303
53181	BRATISLAVA-P, CZECH.	5702	8 29	19 10 05.6	18 10 00	40 06				634047
53061	BRNO, CZECH.	2720	8 29	19 10 30.5	18 51 48	37 00				739041
52671	ATHENS, GREECE	2706	8 29	19 11 59.3			357 36	47 24		637309
53062	BRNO, CZECH.	2720	8 29	19 12 01.1	20 45 30	36 36				737041
53182	BRATISLAVA-P, CZECH.	5702	8 29	19 12 25.6	21 15 00	39 16				634047
32588	BERLIN, GER.	0700	8 29	19 13 30.7			114 24	40 00		845303
53183	BRATISLAVA-P, CZECH.	5702	8 29	19 14 17.6	22 50 04	30 32				634047
53063	BRNO, CZECH.	2720	8 29	19 14 53.7	23 13	29 42				739041
52672	ATHENS, GREECE	2706	8 29	19 15 01.3			42 06	36 36		637309
53184	BRATISLAVA-P, CZECH.	5702	8 29	19 16 00.6	23 40 00	22 49				634047
53064	BRNO, CZECH.	2720	8 29	19 16 06.5	23 36 46	20 11				734042
52363	TASHKENT, USSR	1075	8 29	19 17 28.8	17 00 00	33 00				845009
10502	SHIRAZ-BN, IRAN	9008	8 29	19 18 45.69	19 22 00	86 11				434013
52673	ATHENS, GREECE	2706	8 29	19 19 33.0			67 12	14 30		637309
52364	TASHKENT, USSR	1075	8 29	19 19 37.4	18 20 30	36 24				845009
52365	TASHKENT, USSR	1075	8 29	19 19 53.1	18 36 00	36 42				845009
10492	WOOMERA-BN, AUSTR.	9003	8 29	19 56 29.19	3 43 54	-25 09				434023
32805	WOOMERA, AUSTR.	0603	8 29	20 03 23.5	10 55	-44				845041
51292	MEUDON, FR.	2715	8 29	21 04 34.6			269 11	15 54		637109
51293	MEUDON, FR.	2715	8 29	21 05 03.4			269 00	18 13		637109
51294	MEUDON, FR.	2715	8 29	21 06 05.0			268 27	23 46		637109
51295	MEUDON, FR.	2715	8 29	21 07 08.5			267 36	30 34		637109
51296	MEUDON, FR.	2715	8 29	21 08 12.1			266 12	38 54		637109
51384	EL GULEA, ALG.	6411	8 29	21 08 30.0			324 54	20 00		845309
52674	ATHENS, GREECE	2706	8 29	21 08 34.6			300 06	8 00		637309
51297	MEUDON, FR.	2715	8 29	21 09 09.1			264 02	47 56		637109
53065	BRNO, CZECH.	2720	8 29	21 09 09.4	15 39 12	19 56				734042
32589	BERLIN, GER.	0700	8 29	21 09 14.5			259 54	28 06		845303
53066	BRNO, CZECH.	2720	8 29	21 09 35.5	15 48 00	21 36				739041
51298	MEUDON, FR.	2715	8 29	21 10 04.0			260 04	58 21		637109
51385	EL GULEA, ALG.	6411	8 29	21 10 30.0			341 00	25 06		845309
10493	SAN FERNANDO-BN, SP.	9004	8 29	21 10 56.10	22 54 00	80 05				434013
51299	MEUDON, FR.	2715	8 29	21 11 07.7			247 34	72 01		637109
52675	ATHENS, GREECE	2706	8 29	21 11 20.0			305 00	19 30		637309
32590	BERLIN, GER.	0700	8 29	21 11 36.3			245 06	44 30		845303
51300	MEUDON, FR.	2715	8 29	21 12 05.7			193 46	81 37		637109
51386	EL GULEA, ALG.	6411	8 29	21 12 30.0			1 18	27 42		845309
53185	BRATISLAVA-P, CZECH.	5702	8 29	21 12 31.8	17 22 14	32 56				634047
52366	UJGOROD, USSR	1055	8 29	21 12 37.9	17 56 00	30 06				845009
53067	BRNO, CZECH.	2720	8 29	21 12 55.2	17 08 00	29 00				739041
51301	MEUDON, FR.	2715	8 29	21 13 00.8			127 06	74 51		637109
53186	BRATISLAVA-P, CZECH.	5702	8 29	21 13 01.8	17 47 45	34 26				634047
52367	UJGOROD, USSR	1055	8 29	21 13 24.9	18 45 00	31 06				845009
51561	BESANCON, FR.	2727	8 29	21 13 44.00			105 44	79 31		834309
53068	BRNO, CZECH.	2720	8 29	21 13 47.0	18 47 30	32 48				737041
52676	ATHENS, GREECE	2706	8 29	21 14 02.5			314 30	35 48		637309
51302	MEUDON, FR.	2715	8 29	21 14 16.9			108 45	58 25		637109
51387	EL GULEA, ALG.	6411	8 29	21 14 30.0			21 24	26 06		845309
51562	BESANCON, FR.	2727	8 29	21 14 38.50			101 25	66 36		834309
32591	BERLIN, GER.	0700	8 29	21 14 46.9			180 42	59 06		845303
53187	BRATISLAVA-P, CZECH.	5702	8 29	21 14 48.8	19 47 18	36 05				634047
51303	MEUDON, FR.	2715	8 29	21 15 05.6			105 13	49 43		637109
51563	BESANCON, FR.	2727	8 29	21 15 18.00			100 29	58 11		834309
52368	UJGOROD, USSR	1055	8 29	21 15 35.9	20 50 00	28 00				845009
52677	ATHENS, GREECE	2706	8 29	21 15 40.1			327 06	48 48		637309
32592	BERLIN, GER.	0700	8 29	21 15 51.2			157 48	53 48		845303
53188	BRATISLAVA-P, CZECH.	5702	8 29	21 16 03.8	21 17 30	32 08				634047
52369	UJGOROD, USSR	1055	8 29	21 16 09.1	21 22 30	25 30				845009
51304	MEUDON, FR.	2715	8 29	21 16 16.3			102 30	38 45		637109
51564	BESANCON, FR.	2727	8 29	21 16 24.30			99 42	46 07		834309
51388	EL GULEA, ALG.	6411	8 29	21 16 30.0			38 24	21 18		845309
51305	MEUDON, FR.	2715	8 29	21 17 14.3			101 13	31 26		637109
51565	BESANCON, FR.	2727	8 29	21 17 38.50			99 35	35 23		834309
53189	BRATISLAVA-P, CZECH.	5702	8 29	21 17 42.8	22 49 00	22 44				634047
52678	ATHENS, GREECE	2706	8 29	21 17 46.0			8 54	63 30		637309
53069	BRNO, CZECH.	2720	8 29	21 18 06.5	23 06	17				745040
53190	BRATISLAVA-P, CZECH.	5702	8 29	23 11 07.5	16 37 30	15 48				632047
53191	BRATISLAVA-P, CZECH.	5702	8 29	23 11 28.0	16 43 12	16 05				632047
53192	BRATISLAVA-P, CZECH.	5702	8 29	23 11 57.5	16 52 48	16 25				632047
53193	BRATISLAVA-P, CZECH.	5702	8 29	23 12 37.5	17 08 15	16 40				632047
53194	BRATISLAVA-P, CZECH.	5702	8 29	23 12 57.9	17 16 00	16 48				632047
53195	BRATISLAVA-P, CZECH.	5702	8 29	23 13 17.5	17 23 06	16 51				632047
10494	SAN FERNANDO-BN, SP.	9004	8 29	23 15 38.70	21 26 00	70 01				434013
53070	BRNO, CZECH.	2720	8 29	23 16 15.8	19 01	13 00				743040
53071	BRNO, CZECH.	2720	8 29	23 16 21	19 04	13 00				843040
10495	SAN FERNANDO-BN, SP.	9004	8 29	23 16 29.90	23 04 12	63 56				434013
32593	MILWAUKEE, WISC.	0074	8 30	0 58 01.2			255 12	46 12		641304
10498	JUPITER-BN, FLA.	9010	8 30	0 59 23.96	12 00 12	57 08				434013
32597	CHICAGO, ILL.	0020	8 30	1 01 11			338 00 00	79 00 00		845302
32594	MILWAUKEE, WISC.	0074	8 30	1 01 18.8			357 06	83 42		641304
32599	N. CANTON, OHIO	8584	8 30	1 03 05.8	18 25 52	65 55				845032
32600	N. CANTON, OHIO	8584	8 30	1 03 25.8	19 10 44	66 13				845032
32601	ROANOKE, VA.	0073	8 30	1 03 40	18 06 10	77 52				845042
32595	MILWAUKEE, WISC.	0074	8 30	1 04 29.7			63 36	45 12		641304
32596	MILWAUKEE, WISC.	0074	8 30	1 09 59.8			68 42	11 30		641304
10503	OLIFANTSFNTN-BN,S.AF	9002	8 30	1 41 11.60	1 50 54	32 05				434013
10504	OLIFANTSFNTN-BN,S.AF	9002	8 30	1 47 22.20	5 00 30	- 9 20				434013
10505	OLIFANTSFNTN-BN,S.AF	9002	8 30	1 51 22.60	6 59 24	-27 00				434023
32603	CHATTANOOGA, TENN.	0062	8 30	2 03 10	5	50				845042
32604	CHATTANOOGA, TENN.	0062	8 30	2 10 10	13 30	60 30				845042

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32605	SAN DIEGO, CAL.	0133	8 30	2 56 55.6	12 40	56 36				845042
32611	MILWAUKEE, WISC.	0074	8 30	2 57 51.0			280 30	10 36		641304
34081	SACRAMENTO, CAL.	8517	8 30	2 58 31.4			0 00	67 07		641304
32606	SAN DIEGO, CAL.	0133	8 30	2 58 47.6	14 32	75 42				845042
34104	VAN NUYS, CAL.	0113	8 30	2 59 23.7	17 47 33	78 42				845043
34103	VAN NUYS, CAL.	0113	8 30	2 59 24.3	17 49 30	78 43				845043
32615	CHINA LAKE, CAL.	0098	8 30	2 59 32.7			0 00	50 00 36		641303
33974	SAN ANTONIO, TEX.	0096	8 30	3 00 38.2	12 26 30	58 34				845042
32616	ALBUQUERQUE, N.M.	8579	8 30	3 01 19.5			0 00	40 48		845302
32612	MILWAUKEE, WISC.	0074	8 30	3 02 22.7			291 06	34 54		641304
32607	SAN DIEGO, CAL.	0133	8 30	3 03 24.4	0 16	58 18				845042
33975	SAN ANTONIO, TEX.	0096	8 30	3 03 39.0	10 26	83 28				845042
32618	WHITTIER-D, CAL.	8566	8 30	3 03 53.5			40 52 48	22 28 12		845303
32619	WICHITA, KAN.	0028	8 30	3 04 29.2	19 08 53	81 12				845043
32620	FT. WORTH, TEX.	0139	8 30	3 04 32.8	2 31 00	88 18				845013
32621	NEW ORLEANS, LA.	0030	8 30	3 06 04			0 00	28 30		845302
32622	NEW ORLEANS, LA.	0031	8 30	3 06 18			0	27 30		845302
32613	MILWAUKEE, WISC.	0074	8 30	3 06 34.8			0 12	68 18		641304
32598	CHICAGO, ILL.	0020	8 30	3 06 41.7			0 00 00	64 00 00		845302
32803	MADISON, WISC.	0148	8 30	3 07 00.0	21 10 00	62 12				845042
32623	DENVER, COLO.	8582	8 30	3 07 50.5			68 15 00	5 30 00		845303
32602	ROANOKE, VA.	0073	8 30	3 08 35	20 00 25	79 10				845042
32614	MILWAUKEE, WISC.	0074	8 30	3 10 39.1			74 30	37 54		641304
52797	MADISON-P, WISC.	5078	8 30	3 12 10.5	0 52 48	24 06				637007
10499	JUPITER-BN, FLA.	9010	8 30	3 12 16.53	2 37 36	58 20				434013
32802	MADISON, WISC.	0148	8 30	3 12 19.1	23 56 12	23 18				845042
10500	JUPITER-BN, FLA.	9010	8 30	3 12 50.53	2 35 36	54 08				434013
10506	OLIFANTSFNTN-BN,S.AF	9002	8 30	3 45 44.40	0 09 06	- 9 10				434013
32625	TUCSON, ARIZ.	0003	8 30	4 59 06.1			307 36	9 36		845303
32628	WHITTIER-D, CAL.	8566	8 30	5 00 35.0			317 48 36	23 14 24		845303
32608	SAN DIEGO, CAL.	0133	8 30	5 01 06.8	12 40	56 36				845042
32631	SAN JOSE, CAL.	8573	8 30	5 02 43.7	15 20 46	74 14				845003
34105	VAN NUYS, CAL.	0113	8 30	5 04 40.1			0 18	35 54		845303
32629	WHITTIER-D, CAL.	8566	8 30	5 04 44.2			0 00 00	35 23 24		845303
32609	SAN DIEGO, CAL.	0133	8 30	5 05 03	3 00	89 12				845042
32626	TUCSON, ARIZ.	0003	8 30	5 06 25.1			0 00	32 18		845303
32632	SAN JOSE, CAL.	8573	8 30	5 06 47.2	0 54 09	56 29				845002
33976	SAN ANTONIO, TEX.	0096	8 30	5 06 49.7	14 20	68 11				845042
32633	MILWAUKEE, WISC.	0074	8 30	5 07 17.6			289 06	34 00		641302
32617	ALBUQUERQUE, N.M.	8579	8 30	5 07 25.0			0 00	42 06		845302
33977	SAN ANTONIO, TEX.	0096	8 30	5 09 13.1	17 59	87 13				845042
32630	WHITTIER-D, CAL.	8566	8 30	5 09 24.7			49 27 00	24 24 00		845303
32634	DALLAS, TEX.	0129	8 30	5 09 51.76	21 09 00	80 45				845043
32624	DENVER, COLO.	8582	8 30	5 10 03.0			68 45 00	46 00 00		845303
32804	MADISON, WISC.	0148	8 30	5 10 09.0	19 38 00	42 48				845042
34082	SACRAMENTO, CAL.	8517	8 30	5 10 42.6	1 22 12	27 00				641013
32635	DALLAS, TEX.	0129	8 30	5 10 48.0	23 54 00	74 15				845043
32810	MADISON, WISC.	0148	8 30	5 10 53.0	20 33 00	40 54				845042
52798	MADISON-P, WISC.	5078	8 30	5 10 53.0	20 33 00	40 54				637007
32610	SAN DIEGO, CAL.	0133	8 30	5 11 02.2	2 01	38 00				845042
32627	TUCSON, ARIZ.	0003	8 30	5 11 08.3			49 42	25 30		845302
32637	FT. WORTH, TEX.	0139	8 30	5 11 08.8	0 31 00	69 30				845013
32636	DALLAS, TEX.	0129	8 30	5 11 09.24	0 38 00	67 00				845043
33978	SAN ANTONIO, TEX.	0096	8 30	5 12 10.9	1 51	72 31				845042
34106	VAN NUYS, CAL.	0113	8 30	7 08 33.3			334 42	44 24		845303
34083	SACRAMENTO, CAL.	8517	8 30	7 09 23.4	21 33	57 30				641013
33946	SAN JUAN, ARG.	0812	8 30	7 38 00.0	3 51 30	24 54				845042
33947	SAN JUAN, ARG.	0812	8 30	7 42 30.0	5 38 12	0 18				845042
32638	SAO PAULO, BRAZIL	0810	8 30	7 46 51	6 23	-52 42				845002
33767	MITAKA, JAPAN	0229	8 30	8 50 09.7			345 18	71 48		845302
10513	AREQUIPA-BN, PERU	9007	8 30	9 40 05.68	0 45 36	-39 22				434023
33949	SAN JUAN, ARG.	0812	8 30	9 46 48.7	5 30 12	-46 00				845042
33948	SAN JUAN, ARG.	0812	8 30	9 50 00.0	8 24 24	-48 54				845042
10518	VILLA DOLORES-BN,ARG	9011	8 30	9 50 51.76	8 39 18	-51 57				434023
34076	SAN JUAN, ARG.	0812	8 30	9 51 20.0	9 12 54	-46 42				845002
10519	VILLA DOLORES-BN,ARG	9011	8 30	9 52 26.72	9 37 54	-48 02				434023
10520	VILLA DOLORES-BN,ARG	9011	8 30	9 53 05.57	9 56 00	-46 18				434023
33768	MITAKA, JAPAN	0229	8 30	10 28 06.7			134 54	67 42		845303
33769	MITAKA, JAPAN	0229	8 30	10 50 30.5			296 42	21 36		845303
33777	YATSUSHIRO, JAPAN	0272	8 30	10 52 05			332 00	34 00		845302
33770	MITAKA, JAPAN	0229	8 30	10 53 18.1			318 24	34 18		845303
33776	NAGANO, JAPAN	0234	8 30	10 53 40.5	13 20	55				845002
33771	MITAKA, JAPAN	0229	8 30	10 54 42.3			335 48	39 18		845303
33774	KONKO, JAPAN	0224	8 30	10 55 00.5	19 03	85 24				845002
33779	HIGASHIMATSUYAMA,JAP	0210	8 30	10 56 14	18 24	84				845002
33773	MUSASHINO, JAPAN	0233	8 30	10 56 19.8			0 00	40 30		845302
33772	MITAKA, JAPAN	0229	8 30	10 56 23.7			1 00	40 36		845303
33775	KASHIWABARA, JAPAN	0222	8 30	10 58 30	0 48	60				845002
33778	KAGOSHIMA, JAPAN	0218	8 30	10 59 28	1 22	43				845002
33780	MITAKA, JAPAN	0229	8 30	11 05 30.5			65 00	6 42		845302
33786	KAGOSHIMA, JAPAN	0218	8 30	12 55 11.2	13 23 00	55 12				845002
33781	MITAKA, JAPAN	0229	8 30	12 57 22.6			317 18	25 54		845303
33782	MITAKA, JAPAN	0229	8 30	12 58 14.5			322 24	30 30		845303
33785	MIYAZAKI, JAPAN	0230	8 30	12 58 35.5	13 56	81 06				845002
33784	NAGANO, JAPAN	0234	8 30	12 59 19	12 25	73 48				845002
33783	MITAKA, JAPAN	0229	8 30	12 59 45.4			355 24	39 24		845303
33788	KONKO, JAPAN	0224	8 30	13 00 01.3	20 57	84 06				845002
33790	HIGASHIMATSUYAMA,JAP	0210	8 30	13 01 12	20 11	78				845002
33787	MUSASHINO, JAPAN	0233	8 30	13 01 31.0			0 00	49 00		845302
10541	TOKYO-BN, JAPAN	9005	8 30	13 03 33.10	0 29 18	59 06				434013
33789	MIYAZAKI, JAPAN	0230	8 30	13 03 47.0	2 08	49				845002
32054	KONKO, JAPAN	0224	8 30	13 03 54.0	1 37	48 00				845042
52350	TASHKENT, USSR	1075	8 30	14 52 21.6	22 02 00	56 48				845009
52351	TASHKENT, USSR	1075	8 30	14 52 36.0	22 16 30	55 06				845009
33791	YATSUSHIRO, JAPAN	0272	8 30	15 01 30			317 18	31 54		845302

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32055	KONKO, JAPAN	0224	8 30	15 02 00.5	17 24	47 30				845042
10514	SHIRAZ-BN, IRAN	9008	8 30	16 51 01.67	9 18 00	84 45				434013
52352	STALINABAD, USSR	1068	8 30	16 52 37.3	14 55 12	59 48				845009
52353	STALINABAD, USSR	1068	8 30	16 56 21.1	23 12 00	69 06				845009
52354	STALINABAD, USSR	1068	8 30	16 59 22.7	1 03 36	39 42				845009
10507	WOOMERA-BN, AUSTR.	9003	8 30	17 27 40.69	3 48 18	27 42				434013
32640	SYDNEY, AUSTR.	0602	8 30	17 29 25.8	2 46	27 36				845042
32641	SYDNEY, AUSTR.	0602	8 30	17 35 20.9	5 33	- 5 48				845042
10508	WOOMERA-BN, AUSTR.	9003	8 30	17 37 30.74	7 03 42	-13 59				434013
32642	SYDNEY, AUSTR.	0602	8 30	17 37 50.6	6 44	-16 30				845042
32643	SYDNEY, AUSTR.	0602	8 30	17 41 14.8	8 42	-24				845042
52679	ATHENS, GREECE	2706	8 30	18 41 15.8			283 24	10 00		637309
52680	ATHENS, GREECE	2706	8 30	18 46 51.8			313 42	37 30		637309
32645	BERLIN, GER.	0700	8 30	18 48 19.2			155 48	59 24		845303
32646	BERLIN, GER.	0700	8 30	18 49 26.1			130 12	53 36		845303
52681	ATHENS, GREECE	2706	8 30	18 50 00.4			2 42	47 24		637309
32647	BERLIN, GER.	0700	8 30	18 51 49.8			206 06	38 48		845303
52682	ATHENS, GREECE	2706	8 30	18 54 38.3			55 30	26 12		637309
52355	STALINABAD, USSR	1068	8 30	18 56 30.6	17 00 54	42 42				845009
10515	SHIRAZ-BN, IRAN	9008	8 30	18 57 03.09	0 02 18	84 35				434013
52683	ATHENS, GREECE	2706	8 30	18 57 11.3			68 48	11 06		637309
10509	WOOMERA-BN, AUSTR.	9003	8 30	19 27 30.06	0 30 18	20 49				434013
10510	WOOMERA-BN, AUSTR.	9003	8 30	19 34 47.67	4 05 24	-27 10				434023
32644	SYDNEY, AUSTR.	0602	8 30	19 34 57.1	1 33	-15 30				845042
52684	ATHENS, GREECE	2706	8 30	20 46 41.0			300 18	9 12		637309
52685	ATHENS, GREECE	2706	8 30	20 51 41.0			313 48	33 36		637309
53072	BRNO, CZECH.	2720	8 30	20 51 47.8	18 47 30	33 42				739041
52686	ATHENS, GREECE	2706	8 30	20 53 58.7			336 18	52 42		637309
52687	ATHENS, GREECE	2706	8 30	20 56 20.0			34 12	61 30		637309
32648	GLASGOW, SCOT.	0651	8 30	22 49 44.2			232 30	34 12		845302
32649	GLASGOW, SCOT.	0651	8 30	22 51 35.5			206 30	41 00		845302
32652	GLASGOW, SCOT.	0651	8 30	22 51 50.7	19 47 00	9 24				845041
32650	GLASGOW, SCOT.	0651	8 30	22 53 11.9			183 30	39 42		845302
10511	SAN FERNANDO-BN, SP.	9004	8 30	22 54 04.00	22 45 00	66 33				434013
32651	GLASGOW, SCOT.	0651	8 30	22 54 24.6			172 30	36 18		845302
10512	SAN FERNANDO-BN, SP.	9004	8 30	22 54 49.20	23 42 48	59 03				434013
32653	FT. BELVOIR, VA.	0077	8 31	0 35 39.2			278 48	24 24		845302
10516	JUPITER-BN, FLA.	9010	8 31	0 36 53.92	11 48 42	54 48				434013
32656	TERRE HAUTE, IND.	8127	8 31	0 39 13.4			0	67		845302
32660	ROCHESTER, N.Y.	8564	8 31	0 41 39.0	18 09 12	58 12				845033
32654	FT. BELVOIR, VA.	0077	8 31	0 41 44.9			0 00	54 06		845302
32663	N. CANTON, OHIO	8565	8 31	0 42 06.0	20 44 30	61 41				845043
32655	FT. BELVOIR, VA.	0077	8 31	0 45 16.4			47 30	33 24		845302
10528	OLIFANTSFNTN-BN,S.AF	9002	8 31	1 21 08.40	2 48 30	21 04				434013
10529	OLIFANTSFNTN-BN,S.AF	9002	8 31	1 25 14.50	4 55 24	- 8 06				434013
51468	CAPETOWN-P, S.AFR.	5400	8 31	1 27 35.8	6 04 30	- 2 42				637007
51469	CAPETOWN-P, S.AFR.	5400	8 31	1 28 35.9	6 23 54	- 6 18				637007
32665	BILOXI, MISS.	0090	8 31	1 37 16			270	45 30		845302
32666	ROCHESTER, N.Y.	8564	8 31	1 41 59.6	19 06 24	20 13				845034
32667	TUCSON, ARIZ.	0003	8 31	2 32 27.0			290 12	20 00		845303
32668	TUCSON, ARIZ.	0003	8 31	2 33 43.2			298 30	24 48		845303
32669	MILWAUKEE, WISC.	0074	8 31	2 37 04.9			281 48	16 54		641304
34107	VAN NUYS, CAL.	0113	8 31	2 37 05.5	17 28 57	77 21				845043
32815	WHITTIER, CAL.	8566	8 31	2 37 12.8			0 00 00	45 33 00		845303
32674	CHINA LAKE, CAL.	0098	8 31	2 37 17.6			0 00	51 13 12		641303
32670	MILWAUKEE, WISC.	0074	8 31	2 39 01.4			286 12	27 24		641304
32676	FT. WORTH, TEX.	0139	8 31	2 39 20.8	12 40 00	62 42				845013
32671	MILWAUKEE, WISC.	0074	8 31	2 42 16.2			307 06	54 00		641304
32677	FT. WORTH, TEX.	0139	8 31	2 42 16.2	2 05 00	88 24				845013
32816	WHITTIER, CAL.	8566	8 31	2 42 21.1			44 17 24	19 03 00		845303
32678	NEW ORLEANS, LA.	0030	8 31	2 43 49			0 00	29 00		845302
32680	BILOXI, MISS.	0090	8 31	2 44 05			0	26 18		845302
32681	CHICAGO, ILL.	0020	8 31	2 44 21.8			0	59		845302
32658	TERRE HAUTE, IND.	8127	8 31	2 44 26.9			0	53		845303
32657	TERRE HAUTE, IND.	8127	8 31	2 44 27.2			0	53		845302
32683	ROANOKE, VA.	0073	8 31	2 44 30	19 50 10	78 05				845042
32672	MILWAUKEE, WISC.	0074	8 31	2 44 44.6			17 00	67 12		641304
32684	ST. PETERSBURG, FLA.	0121	8 31	2 45 36	20 19	87				845002
32682	CHICAGO, ILL.	0020	8 31	2 46 08.7			47 00 00	54 30		845302
32686	ROCHESTER, N.Y.	8585	8 31	2 46 37.4	20 12 36	60 54				845032
32659	TERRE HAUTE, IND.	8127	8 31	2 46 38.4			40	46 00		845303
32661	ROCHESTER, N.Y.	8564	8 31	2 46 42.4	20 31 00	60 24				845033
32664	N. CANTON, OHIO	8565	8 31	2 47 26.4	23 01 30	58 18				845043
32685	ST. PETERSBURG, FLA.	0121	8 31	2 48 09	2 58	68				845002
10517	JUPITER-BN, FLA.	9010	8 31	2 48 18.11	2 48 24	71 24				434013
32811	MADISON, WISC.	0148	8 31	2 49 57.5	0 40 00	24 18				845042
52799	MADISON-P, WISC.	5078	8 31	2 49 57.5	0 40 00	24 18				637007
32688	DENVER, COLO.	8582	8 31	2 50 58.0			70 00	4 00		845303
32687	ROCHESTER, N.Y.	8585	8 31	2 51 14.2	0 29 00	24 57				845032
32662	ROCHESTER, N.Y.	8564	8 31	2 51 17.0	0 25 12	23 54				845033
51470	CAPETOWN-P, S.AFR.	5400	8 31	3 27 18.2	3 36 48	-15 30				637007
10530	OLIFANTSFNTN-BN,S.AF	9002	8 31	3 28 14.60	1 42 48	-47 42				434023
51471	CAPETOWN-P, S.AFR.	5400	8 31	3 28 18.3	4 22 30	-24 00				637007
51445	CHINA LAKE, CAL.	5073	8 31	4 35 00.01			297 37 48	11 55 48		229304
51446	CHINA LAKE, CAL.	5073	8 31	4 36 00.01			301 22 48	15 09 36		229304
51447	CHINA LAKE, CAL.	5073	8 31	4 37 00.01			305 53 24	19 38 24		229304
51448	CHINA LAKE, CAL.	5073	8 31	4 38 00.01			311 39 00	23 59 24		229304
51449	CHINA LAKE, CAL.	5073	8 31	4 39 00.01			318 51 00	28 25 48		229304
32690	SAN DIEGO, CAL.	0133	8 31	4 39 02.1	13 00	56 54				845042
51450	CHINA LAKE, CAL.	5073	8 31	4 40 00.01			327 50 24	32 49 48		229304
32692	SAN JOSE, CAL.	8573	8 31	4 40 25.8	14 51 48	74 19				845002
51451	CHINA LAKE, CAL.	5073	8 31	4 41 00.01			339 08 24	36 33 00		229304
34084	SACRAMENTO, CAL.	8517	8 31	4 41 36.3			0 00	49 30		641304
32673	MILWAUKEE, WISC.	0074	8 31	4 41 44.2			291 54	14 48		641304

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51452	CHINA LAKE, CAL.	5073	8 31	4 42 00.01			352 27 36	38 58 48		229304
34109	VAN NUYS, CAL.	0113	8 31	4 42 04.8			358 48	35 42		845303
34108	VAN NUYS, CAL.	0113	8 31	4 42 21.7			0 12	35 42		845303
32675	CHINA LAKE, CAL.	0098	8 31	4 42 32.4			0 00	40 22 48		641303
32691	SAN DIEGO, CAL.	0133	8 31	4 42 45.5	5 00	89 00				845042
51454	CHINA LAKE, CAL.	5073	8 31	4 44 00.01			20 59 52	38 07 48		229304
32693	SAN JOSE, CAL.	8573	8 31	4 44 36.7	0 38 06	56 11				845003
32694	MILWAUKEE, WISC.	0074	8 31	4 44 47.3			290 30	32 18		641304
51455	CHINA LAKE, CAL.	5073	8 31	4 45 00.01			33 08 24	34 58 48		229304
32696	ALBUQUERQUE, N.M.	0103	8 31	4 45 06.5			0 00	41 18		845302
32697	FT. WORTH, TEX.	0139	8 31	4 45 30.6	15 12 00	72 24				845013
32699	EDINBURG, TEX.	0066	8 31	4 45 59.4			350 15	21 45		845303
51456	CHINA LAKE, CAL.	5073	8 31	4 46 00.01			43 17 52	31 07 12		229304
51457	CHINA LAKE, CAL.	5073	8 31	4 47 00.01			51 07 12	26 48 00		229304
34085	SACRAMENTO, CAL.	8517	8 31	4 47 07.9	0 55 54	34 42				641013
32700	EDINBURG, TEX.	0066	8 31	4 47 26.1			2 15	24 30		845303
32695	MILWAUKEE, WISC.	0074	8 31	4 47 40.6			284 12	60 36		641304
34086	SACRAMENTO, CAL.	8517	8 31	4 47 50.0	1 02 48	30 33				641013
51458	CHINA LAKE, CAL.	5073	8 31	4 48 00.01			57 32 24	22 39 00		229304
34087	SACRAMENTO, CAL.	8517	8 31	4 48 04.0	1 05 06	29 18				641013
34088	SACRAMENTO, CAL.	8517	8 31	4 48 08.5	1 05 36	28 58				641013
32701	EDINBURG, TEX.	0066	8 31	4 48 50.3			15 45	26 30		845303
51459	CHINA LAKE, CAL.	5073	8 31	4 49 00.01			62 36 36	18 37 48		229304
32812	MADISON, WISC.	0148	8 31	4 49 15.0	21 07 30	39 57				845042
52800	MADISON-P, WISC.	5078	8 31	4 49 15.0	21 07 30	39 57				637007
32679	NEW ORLEANS, LA.	0030	8 31	4 49 19			0 00	42 30		845302
32702	EDINBURG, TEX.	0066	8 31	4 49 30.6			22	26 45		845303
32698	FT. WORTH, TEX.	0139	8 31	4 49 31.0	0 56 00	62 54				845013
32689	DENVER, COLO.	8582	8 31	4 49 33.5			72 45 00	39 45 00		845303
51460	CHINA LAKE, CAL.	5073	8 31	6 40 26.01			306 58 12	11 43 12		229304
51461	CHINA LAKE, CAL.	5073	8 31	6 41 23.01			308 34 12	16 37 48		229304
51462	CHINA LAKE, CAL.	5073	8 31	6 42 23.01			310 46 12	20 14 24		229304
51463	CHINA LAKE, CAL.	5073	8 31	6 43 23.01			313 34 12	25 40 48		229304
51464	CHINA LAKE, CAL.	5073	8 31	6 44 23.01			317 22 12	31 59 24		229304
51465	CHINA LAKE, CAL.	5073	8 31	6 45 23.01			322 42 36	39 11 24		229304
34110	VAN NUYS, CAL.	0113	8 31	6 46 11.8	17 37 14	68 45				845043
51466	CHINA LAKE, CAL.	5073	8 31	6 46 23.01			330 34 12	47 19 48		229304
34089	SACRAMENTO, CAL.	8517	8 31	6 47 01.5	21 16 18	59 58				641013
51467	CHINA LAKE, CAL.	5073	8 31	6 47 23.01			344 14 24	55 38 24		229304
34090	SACRAMENTO, CAL.	8517	8 31	6 47 37.9	22 14 00	55 37				641013
32639	SAO PAULO, BRAZIL	0810	8 31	7 23 55	6 28	-50 12				845002
10521	AREQUIPA-BN, PERU	9007	8 31	9 18 18.85	0 59 00	-43 10				434023
10527	VILLA DOLORES-BN,ARG	9011	8 31	9 23 36.52	3 34 00	-38 09				434023
33796	KANAYA MACHI, JAPAN	0220	8 31	10 29 57	12 54	56				845002
33800	KAGOSHIMA, JAPAN	0218	8 31	10 31 58	19 50	89 12				845002
33798	TAKADA, JAPAN	0250	8 31	10 32 43	15 14	73				845002
33794	KOMKO, JAPAN	0224	8 31	10 32 43.0	18 35	84 48				845002
33801	MIZUSAWA, JAPAN	0267	8 31	10 35 00.0			12 06	51 12		845302
33799	YATSUSHIRO, JAPAN	0272	8 31	10 35 14			30 00	23 48		845302
33797	SAPPORO, JAPAN	0245	8 31	10 37 30	23 07	47				845002
33795	YOKKAICHI, JAPAN	0258	8 31	10 37 42	0 43	50				845002
33792	ASAHIKAWA, JAPAN	0201	8 31	10 40 08.0	0 07 30	39 06				845002
52370	BLAGOVESTCHENSK,USSR	1010	8 31	12 30 09.8	15 38 00	16 24				845009
52393	VLADISVOSTOK, USSR	1013	8 31	12 33 18.0	14 58 30	40 18				845009
33804	KANAYA MACHI, JAPAN	0220	8 31	12 36 39	14 42	75				845002
33802	MITAKA, JAPAN	0229	8 31	12 37 03.7			331 54	36 30		845303
33806	TAKADA, JAPAN	0250	8 31	12 37 04	15 48	69				845002
33805	SAPPORO, JAPAN	0245	8 31	12 37 50	17 55	55				845002
52394	VLADISVOSTOK, USSR	1013	8 31	12 39 08.2	22 48 00	48 18				845009
33807	MIZUSAWA, JAPAN	0267	8 31	12 40 00.0			13 00	62 36		845302
33808	HIGASHIMATSUYAMA,JAP	0210	8 31	12 40 29.1	23 46	67 36				845002
33803	KASHIWABARA, JAPAN	0222	8 31	12 40 48	1 03	60				845002
52371	BLAGOVESTCHENSK,USSR	1010	8 31	12 41 08.6	23 32 30	12 18				845009
33809	HIGASHIMATSUYAMA,JAP	0210	8 31	12 42 00	0 40	54				845002
32131	ASAHIKAWA, JAPAN	0201	8 31	12 42 18.0	23 00	31				845042
33811	NAGANO, JAPAN	0234	8 31	14 38 56	16 39 30	39 36				845002
33810	SAPPORO, JAPAN	0245	8 31	14 40 24	18 20	23				845002
52378	EREVAN, USSR	1018	8 31	16 25 16.7	14 39 00	53 30				845009
52379	EREVAN, USSR	1018	8 31	16 26 51.9	16 59 00	68 36				845009
52374	ORENBURGH, USSR	1063	8 31	16 28 57.8	17 57 00	27 18				845009
52375	ORENBURGH, USSR	1063	8 31	16 29 29.5	18 34 00	28 30				845009
52380	EREVAN, USSR	1018	8 31	16 29 42.3	22 43 00	57 48				845009
51708	TASHKENT, USSR	1075	8 31	16 29 55.9	14 56 30	50 24				845009
52395	STALINABAD, USSR	1068	8 31	16 31 18.5	15 31 24	68 36				845009
51709	TASHKENT, USSR	1075	8 31	16 33 12.6	20 25 00	68 30				845009
52400	ALMA-ATA, USSR	1067	8 31	16 33 26.4	17 52 30	56 30				845009
52396	STALINABAD, USSR	1068	8 31	16 34 13.5	23 19 12	67 54				845009
52397	STALINABAD, USSR	1068	8 31	16 35 40.8	0 24 12	52 54				845009
51710	TASHKENT, USSR	1075	8 31	16 37 41.8	0 36 30	30 42				845009
51711	TASHKENT, USSR	1075	8 31	16 38 16.2	0 45 00	26 48				845009
10522	WOOMERA-BN, AUSTR.	9003	8 31	17 07 48.32	4 27 30	16 05				434013
32703	SYDNEY, AUSTR.	0602	8 31	17 16 06.2	6 42	-16 42				845042
32704	SYDNEY, AUSTR.	0602	8 31	17 19 48.6	8 08	-23 30				845042
52381	NIKOLAEV, USSR	1077	8 31	18 26 00.7	15 95 30	32 30				845009
53196	BRATISLAVA-P, CZECH.	5702	8 31	18 28 23.3	21 10 00	35 45				634042
52382	NIKOLAEV, USSR	1077	8 31	18 29 04.7	18 45 00	48 24				845009
52399	SARATOV, USSR	1044	8 31	18 30 17.4	17 46 48	25 36				845009
52372	VOLOGDA, USSR	1014	8 31	18 31 06.0	19 48 42	7 48				845009
52376	TCHERNOVITSY, USSR	1062	8 31	18 31 50.6	22 45 06	27 48				845009
52377	TCHERNOVITSY, USSR	1062	8 31	18 32 05.6	22 55 00	26 24				845009
51712	TASHKENT, USSR	1075	8 31	18 33 34.5	16 39 30	36 00				845009
52398	STALINABAD, USSR	1068	8 31	18 35 29.0	17 40 30	47 18				845009
52373	VOLOGDA, USSR	1014	8 31	18 35 38.5	22 28 54	- 1 12				845009
10546	SHIRAZ-BN, IRAN	9008	8 31	18 35 43.46	1 24 12	75 19				434013
51713	TASHKENT, USSR	1075	8 31	18 35 49.0	18 24 30	40 12				845009

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51714	TASHKENT, USSR	1075	8 31	18 36 30.7	19 06 30	40 06				845009
34091	TOWNSVILLE, AUSTR.	8578	8 31	19 10 47.2			230 11	43 17		845302
34092	TOWNSVILLE, AUSTR.	8578	8 31	19 10 53.9			228 37	43 41		845302
34093	TOWNSVILLE, AUSTR.	8578	8 31	19 10 54.9			228 11	43 29		845302
10523	WOOMERA-BN, AUSTR.	9003	8 31	19 11 16.77	3 08 06	-15 13				434013
32705	ADELAIDE, AUSTR.	0600	8 31	19 12 34.7			20 20	66 27 00		845302
32706	ADELAIDE, AUSTR.	0600	8 31	19 16 05.6			100 09	51		845302
32583	SYDNEY, AUSTR.	0602	8 31	19 16 19.3	5 25 12	-41				845042
32707	ADELAIDE, AUSTR.	0600	8 31	19 19 20.0			115 40	29 30		845302
10524	SAN FERNANDO-BN, SP.	9004	8 31	20 26 06.30	21 22 30	82 17				434013
51566	BESANCON, FRANCE	2727	8 31	20 26 41.17			274 20	62 42		834309
51567	BESANCON, FRANCE	2727	8 31	20 27 21.15			273 45	72 07		834309
51568	BESANCON, FRANCE	2727	8 31	20 28 00.10			272 46 10	82 03		834309
51569	BESANCON, FRANCE	2727	8 31	20 29 12.78			96 31	78 53		834309
52390	UJGOROD, USSR	1055	8 31	20 30 46.1	18 47 30	32 54				845009
52391	UJGOROD, USSR	1055	8 31	20 32 38.4	20 52 30	28 18				845009
52392	UJGOROD, USSR	1055	8 31	20 33 49.9	22 05 00	21 30				845009
51432	MEUDON, FRANCE	2715	8 31	22 24 52.4			279 13	16 04		637109
51433	MEUDON, FRANCE	2715	8 31	22 25 09.4			278 39	17 22		637109
51434	MEUDON, FRANCE	2715	8 31	22 26 03.1			276 26	21 51		637109
51435	MEUDON, FRANCE	2715	8 31	22 27 05.8			273 02	27 48		637109
51436	MEUDON, FRANCE	2715	8 31	22 28 04.0			268 28	34 09		637109
51437	MEUDON, FRANCE	2715	8 31	22 29 08.4			260 56	42 04		637109
51439	MEUDON, FRANCE	2715	8 31	22 30 12.1			248 53	50 21		637109
51570	BESANCON, FRANCE	2727	8 31	22 30 41.94			259 04	47 10		834309
51440	MEUDON, FRANCE	2715	8 31	22 31 17.1			232 22	56 31		637109
51441	MEUDON, FRANCE	2715	8 31	22 32 00.6			210 08	59 35		637109
51571	BESANCON, FRANCE	2727	8 31	22 32 08.37			235 23	57 41		834309
51572	BESANCON, FRANCE	2727	8 31	22 32 58.0			224 33	60 52		834309

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30001	SACRAMENTO, CAL.	8517	8 12	11 38 57.4	1 24 00	61 37				641013
30003	PRETORIA, S. AFR.	8575	8 12	16 47 10.0			314 24	55 00		845302
10001	SAN FERNANDO-BN, SP.	9004	8 12	23 15 45.30	0 35 06	52 23				434013
30019	MADISON, WIS.	0148	8 13	3 08 57.0	23 05 00	13 48				845042
30036	SACRAMENTO, CAL.	8517	8 13	4 58 58.7	20 55 06	0 04				641013
30020	MADISON, WIS.	0148	8 13	5 03 46.0	17 14 00	- 0 21				845042
30015	ALBUQUERQUE, N.M.	8534	8 13	5 05 40.2	21 15 54	29 00				845043
30018	ALBUQUERQUE, N.M.	0041	8 13	5 05 59.3			69	63		845303
30037	SACRAMENTO, CAL.	8517	8 13	7 02 28.4	19 43 42	44 33				641013
30038	SACRAMENTO, CAL.	8517	8 13	7 02 56.3			0 00	80 12		641304
30005	WALNUT CREEK, CAL.	8535	8 13	7 05 29.2	18 51 30	40 24				845004
30016	ALBUQUERQUE, N.M.	8534	8 13	7 08 10.2	17 10 00	54 12				845043
30021	MADISON, WIS.	0148	8 13	7 10 25.9	17 52 30	32 36				845042
30022	ALBUQUERQUE, N.M.	8579	8 13	7 11 04.5			0 00	45 18		845303
30004	DAYTON, OHIO	8557	8 13	7 12 35.2			3 23	55 38		845304
30027	EVANSTON, ILL.	0149	8 13	7 16 10.0	1 58 48	58 54				845022
30039	SACRAMENTO, CAL.	8517	8 13	9 08 37.8			0 00	51 17		641304
30028	VAN NUYS, CAL.	0113	8 13	9 09 24.9			0 36 00	38 00		845303
30023	ALBUQUERQUE, N.M.	8579	8 13	9 16 32.8			0 00	41 30		845303
30048	SACRAMENTO, CAL.	8517	8 13	11 13 50.1			0 00	62 22		641304
30049	SACRAMENTO, CAL.	8517	8 13	11 14 09.6	1 04 24	64 12				641013
30050	SACRAMENTO, CAL.	8517	8 13	11 14 23.6	1 29 48	62 42				641013
30007	CHINA LAKE, CAL.	0098	8 13	11 22 20.3			59 02 24	53 35 24		641303
30008	CHINA LAKE, CAL.	0098	8 13	11 22 57.2			67 45 36	49 55 48		641303
30024	ALBUQUERQUE, N.M.	8579	8 13	11 22 59.2			0 00	74 06		845303
30017	ALBUQUERQUE, N.M.	8534	8 13	11 24 51.0	3 30 48	35 18				845043
30009	SACRAMENTO, CAL.	8517	8 14	4 34 57.1	21 02 12	0 59				641013
30035	SACRAMENTO, CAL.	8517	8 14	4 35 46.6	21 29 18	5 16				641013
30013	DAYTON, OHIO	8557	8 14	6 47 44.6			359 52	55 59		845304
30025	ALBUQUERQUE, N.M.	8579	8 14	6 50 41.1			0 00	45 30		845303
30010	SACRAMENTO, CAL.	8517	8 14	8 43 55.6			0 00	51 37		641304
30014	CHINA LAKE, CAL.	0098	8 15	4 18 22.1			178 03 00	38 05 24		641303
30115	VAN NUYS, CAL.	0113	8 15	6 14 19.9	19 51 07	63 58				845043
30011	SACRAMENTO, CAL.	8517	8 15	8 19 14.5			0 00	52 14		641304
30051	VAN NUYS, CAL.	0113	8 15	10 25 09			0 34 48	46 03 00		845303
30026	ALBUQUERQUE, N.M.	8579	8 15	10 42 00.0			180 00	68 42		845303
10002	TOKYO-BN, JAPAN	9005	8 15	12 03 43.80	18 30 54	20 08				434013
10003	TOKYO-BN, JAPAN	9005	8 15	12 03 53.40	18 38 42	21 33				434013
10004	TOKYO-BN, JAPAN	9005	8 15	14 08 30.50	16 56 36	57 33				434013
10007	TOKYO-BN, JAPAN	9005	8 15	16 15 08.80	19 23 30	78 40				434013
10008	TOKYO-BN, JAPAN	9005	8 15	16 16 28.10	1 06 00	80 14				434013
30032	DAYTON, OHIO	8557	8 16	3 52 39.1			334 36	84 45		845302
30029	CHINA LAKE, CAL.	0098	8 16	3 57 34.4			180 00 00	33 46 48		641303
30030	CHINA LAKE, CAL.	0098	8 16	6 06 49.9			0 00	62 43 48		641303
30065	SACRAMENTO, CAL.	8517	8 16	7 54 26.1	21 04 18	74 58				641013
30066	SACRAMENTO, CAL.	8517	8 16	7 54 33.3			0 00	53 04		641304
30052	VAN NUYS, CAL.	0113	8 16	7 55 22.8			1 08 24	37 54		845303
30031	CHINA LAKE, CAL.	0098	8 16	8 12 44.4			0 00	41 13 48		641303
50001	LAREDO-RADAR, TEXAS	4012	8 16	14 40 13.5			63 18	48 48	1206	895307

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
30070	MITAKA, JAPAN	0229	8 16	17 57 57.5			33 06	74 30		845303
50002	LAREDO-RADAR, TEXAS	4012	8 17	3 22 06			323 00	72 42	1569	895307
30061	VAN NUYS, CAL.	0113	8 17	5 24 40.7	19 15 56	54 36				845043
30034	DAYTON, OHIO	8557	8 17	5 33 28.2			354 54	55 12		845302
30067	SACRAMENTO, CAL.	8517	8 17	7 29 51.8			0 00	54 01		641304
30062	VAN NUYS, CAL.	0113	8 17	7 30 40.8	21 49	85 43				845043
30071	MITAKA, JAPAN	0229	8 17	11 15 14.9			145 18	70 36		845303
30072	MITAKA, JAPAN	0229	8 17	13 21 00.9			350 24	51 06		845303
30040	DAYTON, OHIO	8557	8 18	2 59 57.2			237 30	46 27		845303
30041	DAYTON, OHIO	8557	8 18	3 03 47.0			78 51	82 27		845303
30063	VAN NUYS, CAL.	0113	8 18	4 59 50.4	18 54 43	49 36				845043
30053	CHINA LAKE, CAL.	0098	8 18	5 00 05.1			0 00	79 29 24		641303
30042	DAYTON, OHIO	8557	8 18	5 09 16.8			4 18	56 15		845303
30068	SACRAMENTO, CAL.	8517	8 18	7 05 10.0			0 00	55 04		641304
30069	SACRAMENTO, CAL.	8517	8 18	7 05 19.3	21 10 54	73 24				641013
30054	VAN NUYS, CAL.	0113	8 18	9 11 06.1			1 34 48	41 20		845303
50003	LAREDO-RADAR, TEX.	4012	8 19	2 33 14			12 24	80 30	1532	895307
30044	CHINA LAKE, CAL.	0098	8 19	4 35 40.8			32 52 12	79 39 36		641303
30055	ALBUQUERQUE, N.M.	8579	8 19	4 38 38.3			0 00	58 36		845303
30064	SACRAMENTO, CAL.	8517	8 19	6 40 28.1			0 00	56 26		641304
30056	ALBUQUERQUE, N.M.	8579	8 19	10 57 19.0			180 00	56 54		845303
30057	CHINA LAKE, CAL.	0098	8 20	4 10 21.0			180 00	89 22 48		641303
30045	ALBUQUERQUE, N.M.	8534	8 20	4 12 51.6	17 30 48	55 12				845043
30116	SACRAMENTO, CAL.	8517	8 20	6 15 45.6			0 00	57 58		641304
30058	CHINA LAKE, CAL.	0098	8 20	6 16 45.8			180 00	44 00 36		641303
30046	ALBUQUERQUE, N.M.	8534	8 20	6 19 32.2	22 15 24	85 30				845043
30047	ALBUQUERQUE, N.M.	8534	8 20	8 24 44.1	23 36 00	7 00				845043
30117	SACRAMENTO, CAL.	8517	8 21	5 51 02.9			0 00	59 42		641304
30059	CHINA LAKE, CAL.	0098	8 21	6 02 04.5			0 00	45 10 12		641303
50005	BETHPAGE-P, N.Y.	5075	8 18	3 15 35.0	15 27 12	2				637007
50004	BETHPAGE-P, N.Y.	5075	8 18	3 26 26.0	0 29 18	55 12				637007
30043	ALBUQUERQUE, N.M.	0041	8 18	5 27 59.6	18 29 30	69				845033
30118	SACRAMENTO, CAL.	8517	8 22	5 26 19.7			0 00	61 50		641304
30060	CHINA LAKE, CAL.	0098	8 23	5 02 39.6			0 00	48 19 12		641303
30083	VAN NUYS, CAL.	0113	8 24	4 37 33.6	18 24 19	77 38				845043
30084	VAN NUYS, CAL.	0113	8 24	4 37 45.7	19 06 09	78 25				845043
30077	ROCHESTER, N.Y.	8564	8 26	1 53 13.8	19 12	57 06				845033
30119	CHINA LAKE, CAL.	0098	8 26	3 48 28.4			0 00	54 19 12		641303
30139	VAN NUYS, CAL.	0113	8 27	3 23 32.1	17 58 39	71 54				845043
30140	VAN NUYS, CAL.	0113	8 27	5 28 53.3	21 04 56	87 41				845043
30073	CHINA LAKE, CAL.	0098	8 27	5 29 02.3			0 00	40 23 24		641303
30120	ROCHESTER, N.Y.	8564	8 28	1 03 45.0	18 21 12	51 54				845033
30121	ROCHESTER, N.Y.	8564	8 28	1 03 46.8	18 25 36	51 48				845034
30122	ROCHESTER, N.Y.	8564	8 28	3 08 50.9	20 35 00	61 17				845034
30074	CHINA LAKE, CAL.	0098	8 28	5 04 22.0			0 00	40 22 12		641303
30086	SACRAMENTO, CAL.	8517	8 29	4 38 44.8			0 00	51 07		641304
30075	CHINA LAKE, CAL.	0098	8 29	4 39 42.1			0 00	40 32 24		641303
30087	SACRAMENTO, CAL.	8517	8 30	4 14 04.6			0 00	51 53		641304
30141	VAN NUYS, CAL.	0113	8 30	4 14 52.7			0 24	36 48		845303
30078	CHINA LAKE, CAL.	0098	8 30	4 15 01.8			0 00	40 54 36		641303
30079	ROCHESTER, N.Y.	8564	8 31	1 55 01.8	19 59 06	63 22				845033
30088	SACRAMENTO, CAL.	8517	8 31	3 49 24.1			0 00	52 46		641304
50006	CHINA LAKE, CAL.	5073	8 31	3 49 58.01			354 22 48	41 36 00		234304
30142	VAN NUYS, CAL.	0113	8 31	3 50 12.6	19 21 38	86 47				845043
30080	CHINA LAKE, CAL.	0098	8 31	3 50 21.7			0 00	41 14 24		641303
50007	CHINA LAKE, CAL.	5073	8 31	3 50 57.01			8 29 52	40 00 00		234304
50008	CHINA LAKE, CAL.	5073	8 31	3 51 57.01			21 19 12	37 00 36		234304
50009	CHINA LAKE, CAL.	5073	8 31	3 52 57.01			31 46 48	31 52 48		234304
50010	CHINA LAKE, CAL.	5073	8 31	3 53 57.01			40 14 24	28 40 48		234304
50011	CHINA LAKE, CAL.	5073	8 31	3 54 53.01			46 11 24	24 26 24		234304
30089	SACRAMENTO, CAL.	8517	8 31	5 54 22.0			0 00	55 25		641304
50012	CHINA LAKE, CAL.	5073	8 31	5 56 46.01			25 00 36	48 30 36		234304
50013	CHINA LAKE, CAL.	5073	8 31	5 57 00.01			29 30 36	48 18 36		234304
50014	CHINA LAKE, CAL.	5073	8 31	5 57 15.01			33 36 36	47 46 12		234304
50015	CHINA LAKE, CAL.	5073	8 31	5 57 30.01			37 49 48	47 01 48		234304
50016	CHINA LAKE, CAL.	5073	8 31	5 57 45.01			41 59 24	46 12 36		234304
50017	CHINA LAKE, CAL.	5073	8 31	5 58 02.01			45 28 12	45 23 24		234304